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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER, 1882.

DANGERFIELD, LITH 22, BEDFORD ST COVENT GARDEN 3383.

Soc. Reg. Lond.

Dangerfield Lith. London 2315

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DECR 31ST 1882.

DAILY WEATHER REPORT

FOR

FRIDAY 1ST SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s. per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Printer 13 & 14 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on FRIDAY. 1st SEPTEMBER. 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4,
⊙ = dead calm.

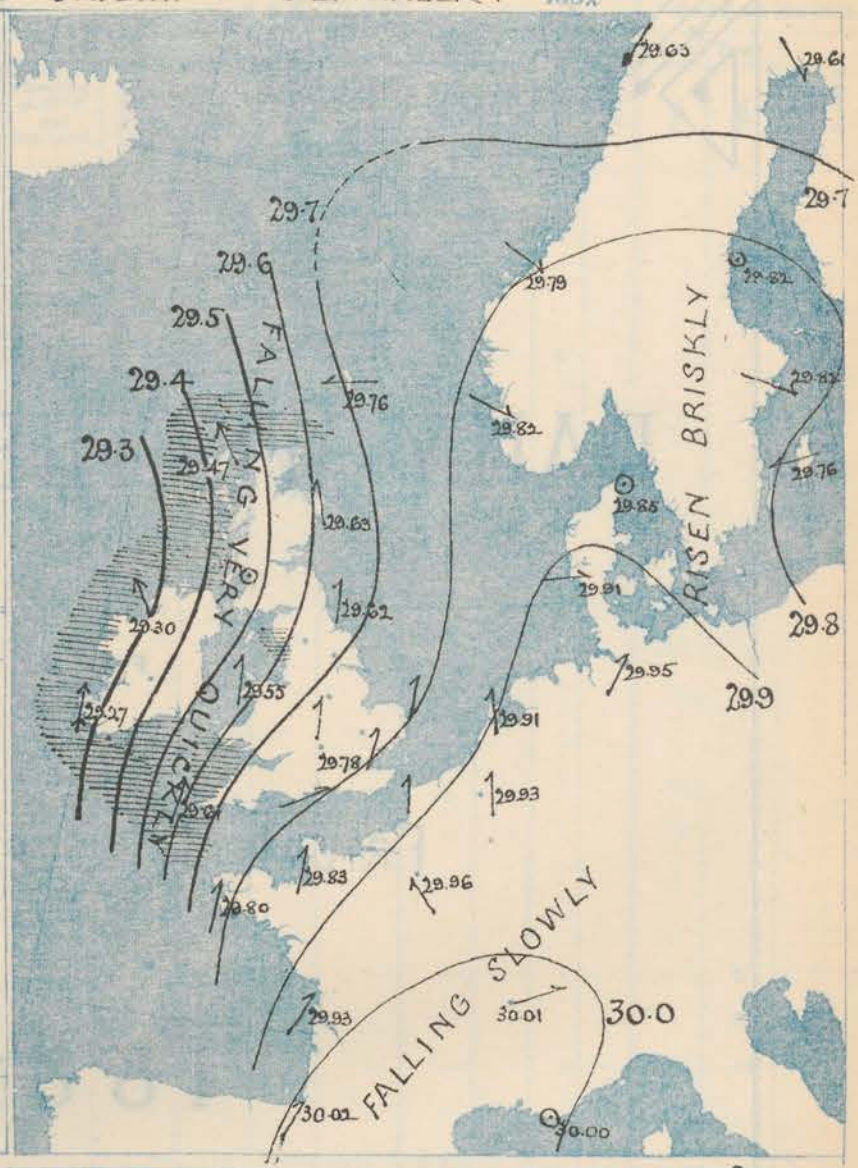
Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

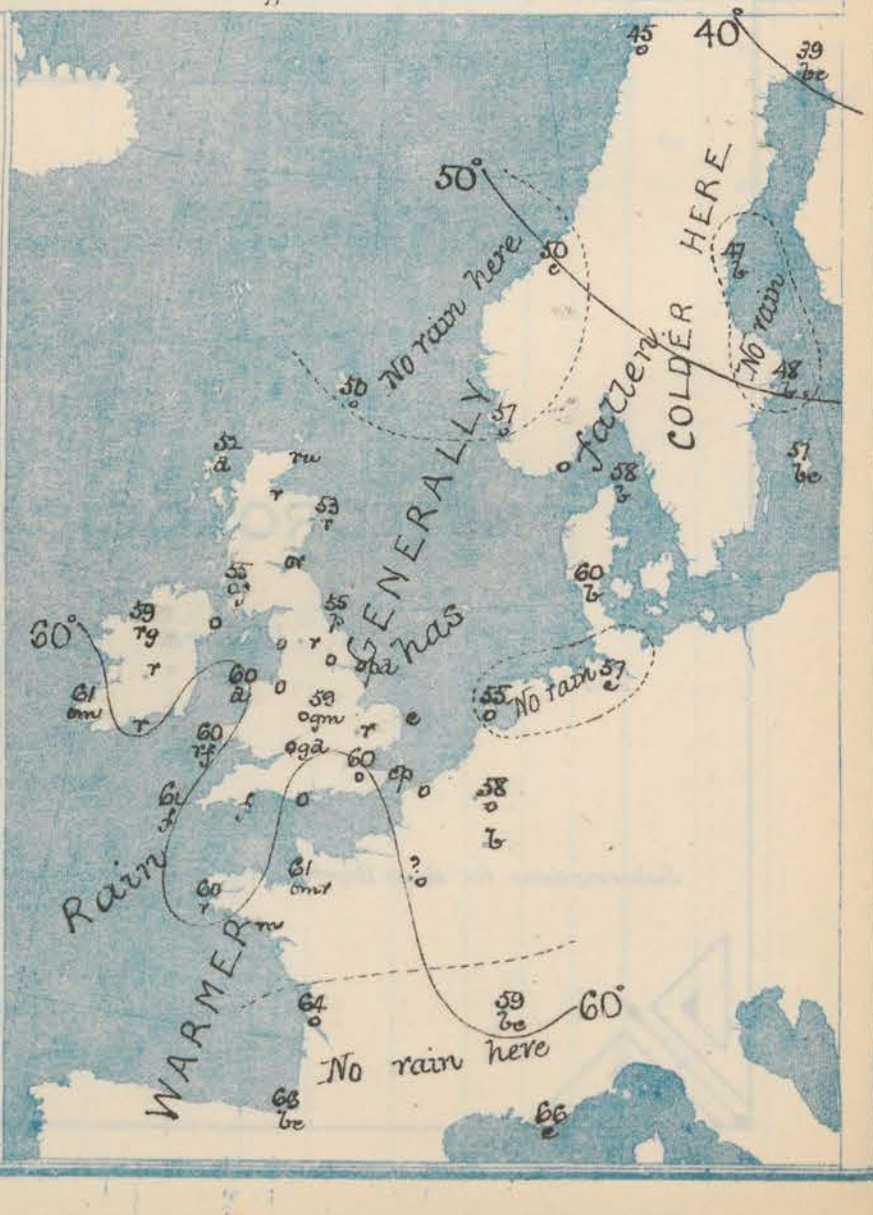
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp. °	Rain-fall. ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY 1st SEPTr 1882 at 8 a.m.

The depression in the W. yesterday appears to have passed Nwds, but is being followed closely by a larger one, the centre of which is apparently now approaching the West of Ireland from the SWds. Gradients for Sly winds are now becoming steep in the West. Temperature has increased generally, and the air is very damp. Southerly (SE to SW) winds again prevail over our Islands. Though light at our Est stations the wind has increased to a fresh gale from S. at Valencia, and to a slight gale from SE. at Wick, while at many of our Wst stations there is a strong and increasing breeze from the Sds. Heavy rain has fallen again in Ireland, and rainy weather prevails in almost all districts. The general appearance is very unsettled. The Sea is rough in the W. and N, moderate in the Channel, and on our E. coasts.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

2nd SEPTr

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SEly and Sly winds, strong, perhaps a gale; rainy, very unsettled.	6 SCOTLAND WEST	Sly and SWly gales or strong winds; rainy.
1 SCOTLAND EAST	Sly winds, increasing; rainy.	7 ENGLAND N.W.	---- D° ---- D° ---- D° ----
2 ENGLAND N E	---- D° ---- D° ---- D° ----	8 ENGLAND S.W.	SWly winds, strong to a gale; rainy to fair.
3 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	Same as N° 6.
4 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	Same as N° 6.
5 ENGLAND SOUTH	SWly breezes, moderate to fresh or strong; gusty, rain at times.	WARNINGS	The S. cone is still up in districts 7 to 10 and has been hoisted in 1, 0 and 6 this morning.

Printed by Hargerfield, 21 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 1st Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.56	46	NE	6	o	29.61	+ .14	39	35	- 9	N	4	bc	*	48	?	0.16
Hernösand	29.69	47	NW	3	b	29.82	+ .26	47	42	- 3	Z	0	b	*	61	46	-
Stockholm ...	29.70	51	NW	2	o	29.82	+ .38	48	44	- 5	WNW	2	b	*	51	?	-
Wisby	29.65	58	NNW	4	c	29.76	+ .38	57	51	- 1	E	2	bc	*	61	55	0.16
Bodö	29.74	46	W	2	c	29.63	- .13	45	42	0	ENE	2	o	1	50	41	0.04
Christiansund...	29.85	50	NNE	2	c	29.79	- .06	50	45	0	NNW	1	c	2	54	45	-
‡Skudesnaes ...	29.80	54	NW	2	b	29.82	+ .13	57	51	0	WNW	1	o	2	61	54	–
Oxö (Xtiansund) ...	29.78	54	WNW	2	bc	29.81	+ .13	53	53	- 4	NNW	2	o	1	59	50	0.35
Skagen (The Skaw)	29.79	51	NNE	2	b	29.85	+ .22	58	51	- 1	Z	0	b	o	63	54	-
Fanö ...	29.88	56	WNW	4	c	29.91	+ .18	60	54	0	W	2	b	*	61	52	0.04
Cuxhaven ..	29.91	?	NW	4	bc	29.95	+ .17	57	55	- 1	SW	2	c	*	?	50	-
‡Sumburgh Head	29.93	50	ENE	1	o	29.76	- .21	50	45	0	E	3	o	3	54	46	-
‡Stornoway	29.80	59	ESE	4	b	29.47	- .52	52	52	+ 1	SE	6	d	5	59	50	0.08
Wick	29.91	52	ESE	5	o	29.63	- .28	52	51	- 2	SE	7	r	5	59	49	0.14
Nairn ...	29.86	55	ENE	3	bc	29.53	- .50	53	52	+ 4	SE	2	r	2	60	48	0.13
‡Aberdeen ...	29.91	54	SE	3	bw	29.63	- .38	53	52	+ 2	SSE	4	r	3	61	49	0.25
Leith	29.97	54	SE	2	bc	29.53	- .59	56	54	+ 4	S	4	or	*	59	49	0.08
‡Shields	29.90	54	S	4	o	29.62	- .41	55	54	+ 2	S	4	p	4	57	51	-
Spurn Head .	29.99	57	ESE	4	o	29.71	- .32	57	57	+ 4	SSE	6	opd	5	59	53	-
York	29.91	59	SE	2	o	29.68	- .37	56	56	+ 5	S	3	o	*	65	49	0.08
Loughborough .	29.90	56	SSE	1	r	29.69	- .37	59	58	+ 7	SSE	2	ogm	*	63	52	0.11
‡Ardrossan ..	29.79	59	ESE	2	of	29.48	- .51	55	55	+ 5	ENE	1	of	1	62	49	0.18
‡Mullaghmore ..	29.56	57	NNE	6	r	29.30	- .54	59	58	+ 5	SE	5	rq	4	60	53	0.60
Donaghadee ...	29.74	55	SE	5	r	29.46	- .51	58	58	+ 3	S	6	o	4	58	54	0.10
Parsonstown ...	29.59	63	SSE	1	o	29.33	- .51	59	59	+ 6	E	2	r	*	64	52	0.68
Barrow-in-Furness	29.81	56	SE	5	o	29.58	- .44	58	58	+ 8	SE	6	o	5	61	48	0.11
‡Holyhead ...	29.73	56	ESE	2	r	29.55	- .42	60	59	+ 3	S	4	d	3	60	53	0.38
Liverpool (Bidston)	29.81	54	ESE	4	o	29.59	- .42	59	58	+ 6	SE	3	o	3	60	53	0.13
‡Valencia	29.62	60	W	4	od	29.27	- .40	61	60	+ 3	S	8	om	6	63	57	1.00
Roche's Point...	29.63	57	SW	3	f	29.49	- .30	59	59	+ 1	S	6	r	5	63	56	0.35
Pembroke ...	29.70	58	SSW	4	r	29.58	- .37	60	59	+ 4	S	3	rf	3	60	55	0.74
‡Scilly	29.72	60	SW	6	r	29.61	- .31	60	60	0	SSW	6	f	5	60	58	0.51
Prawle Point ...	29.85	57	SSE	5	r	29.72	- .32	59	59	+ 3	SSW	5	f	4	62	54	0.80
Hurst Castle ...	29.91	56	SSW	3	r	29.76	- .31	61	61	+ 4	WSW	4	o	4	63	55	0.43
‡Dover	29.97	59	SW	3	cr	29.83	- .25	60	58	+ 4	SSW	4	cp	3	64	55	0.34
‡London	29.93	57	SSW	3	or	29.78	- .30	60	59	+ 1	SSW	3	o	*	63	55	0.23
Oxford	29.88	55	S	1	r	29.73	- .34	60	60	+ 7	S	3	odq	*	60	53	0.29
Cambridge ..	29.94	58	SSW	1	r	29.77	- .31	59	59	+ 7	S	1	r	*	60	51	0.09
‡Yarmouth ...	29.95	60	SW	1	cm	29.80	- .25	60	58	+ 9	SSW	4	o	3	63	50	0.01
The Helder ...	29.98	56	S	1	bc	29.91	- .09	55	54	- 3	S	1	o	1	61	52	-
Cape Gris Nez	30.00	58	SW	1	r	29.86	- .24	57	56	+ 1	S	4	o	2	66	55	0.16
‡Jersey	29.96	58	SW	2	mr	29.82	- .28	61	61	+ 2	SSW	4	o	2	62	56	0.16
Brest	29.91	59	SSW	4	o	29.80	- .26	60	60	+ 1	SSW	4	r	4	?	57	0.32
Lorient	?29.94	60	WSW	4	o	?29.81		62	62		SW	5	m	3	63	54	0.04
‡Rochefort ...	29.95	60	NW	5	bc	29.93	- .16	64	63	+ 6	SW	4	o	2	72	54	-
Biarritz	29.99	70	W	5	bc	30.02	- .06	66	63	+ 8	SW	3	bc	2	82	52	-
‡Corunna	*	*	*	*	*	29.92	- .06	67	66	+ 9	SSW	3	o	2	75	54	-
Brussels	*	*	*	*	*	29.93	- .17	58	55	+ 5	S	3	o	*	?	?	0.55
Charleville ...	?30.03	59	W	1	o	?29.97	- .16	55	52	+ 1	S	1	b	*	68	48	-
Paris	30.02	62	SSW	1	o	29.96	- .20	?	57	?	SE	3	o	*	*	*	0.12
Lyons	30.04	64	N	1	c	30.01	- .17	59	56	+ 4	WSW	1	bc	*	70	55	-
Toulon	30.01	69	SW	1	b	30.00	- .02	66	57	+ 7	Z	0	c	1	79	59	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.65	52	S	1	o	28.41	- .38	55	54	+ 2	SSW	2	r	*	58	49	0.06

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.76	60	54	NW	6	b	3
Sumburgh Head	29.96	53	46	ENE	2	c	3
Stornoway ...	29.90	59	52	ESE	4	b	3
Aberdeen ...	29.96	56	50	SE	3	b	3
Shields	29.97	56	51	ESE	2	m	4
Ardrossan ...	29.88	59	59	SE	2	o	2
Mullaghmore ...	29.66	57	55	SE	6	r	5
Holyhead	29.36	54	53	ESE	3	d	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.63	61	61	SSW	4	om	4
Scilly	29.74	60	60	S	8	r	6
Dover	30.02	63	59	WSW	2	c	1
London ...	30.00	59	58	SSW	3	or	*
Yarmouth ...	29.99	63	55	SW	3	b	?/
Jersey	30.00	62	58	SSE	3	o	3
Rochefort ...	30.00	66	64	WSW	1	o	2
Ben Nevis (4406 ft) 9 a.m. on 31st	25.42	33	32	SSE	5	f	Max 38, Min 31, Rain 0.02

The depression in the W. is moving slowly to the NE^ward, but a subsidiary disturbance has appeared on its SE. side, causing a S^ly gale at Scilly, while in Ireland the wind has lulled and veered. The sea is rough at Scilly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). ‡ Received too late for insertion in charts.

DAILY WEATHER REPORT

FOR

SATURDAY 2ND SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, *Victoria St.* LONDON.

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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield Lith. 22 Portland St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY. 2ND SEPTEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
= forces above 10; = forces 8 to 10
= forces 5 to 7; = forces 1 to 4.
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for the month of September.

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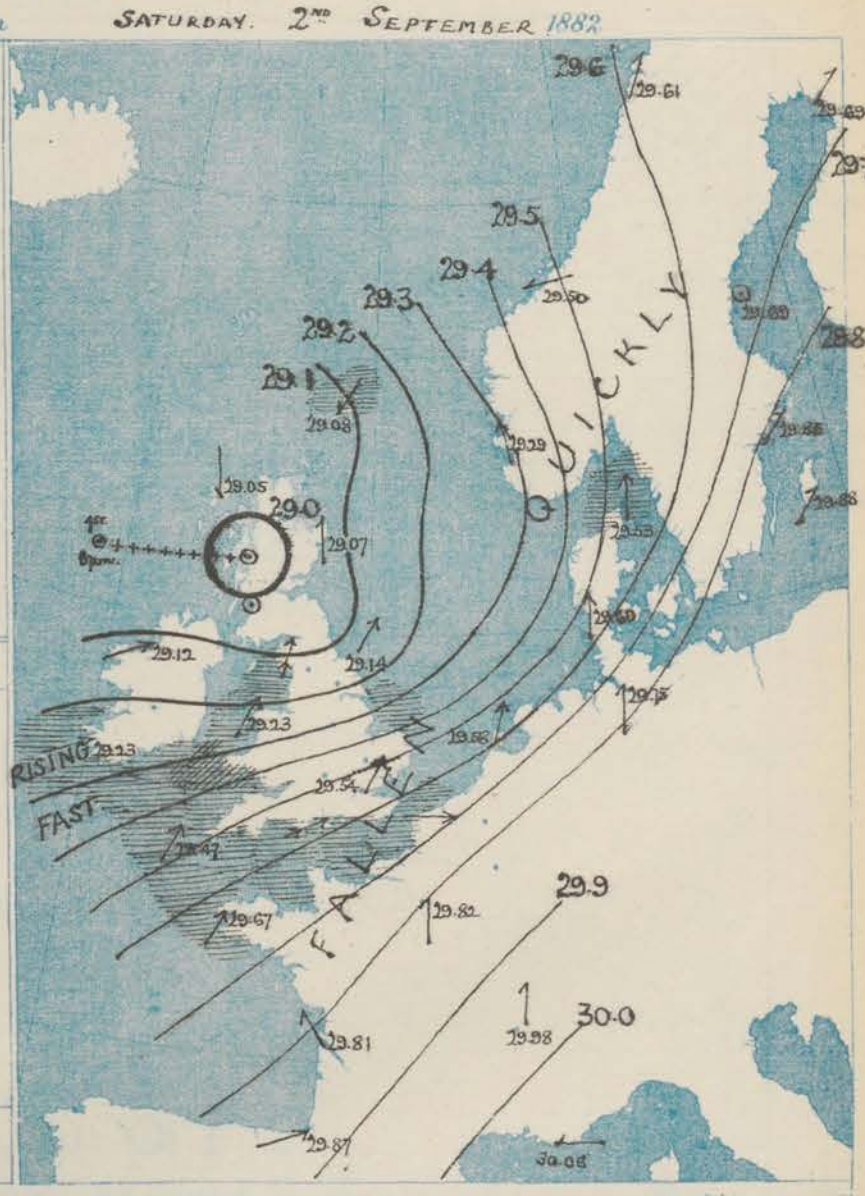
* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp. °	Rain-fall ins.
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Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
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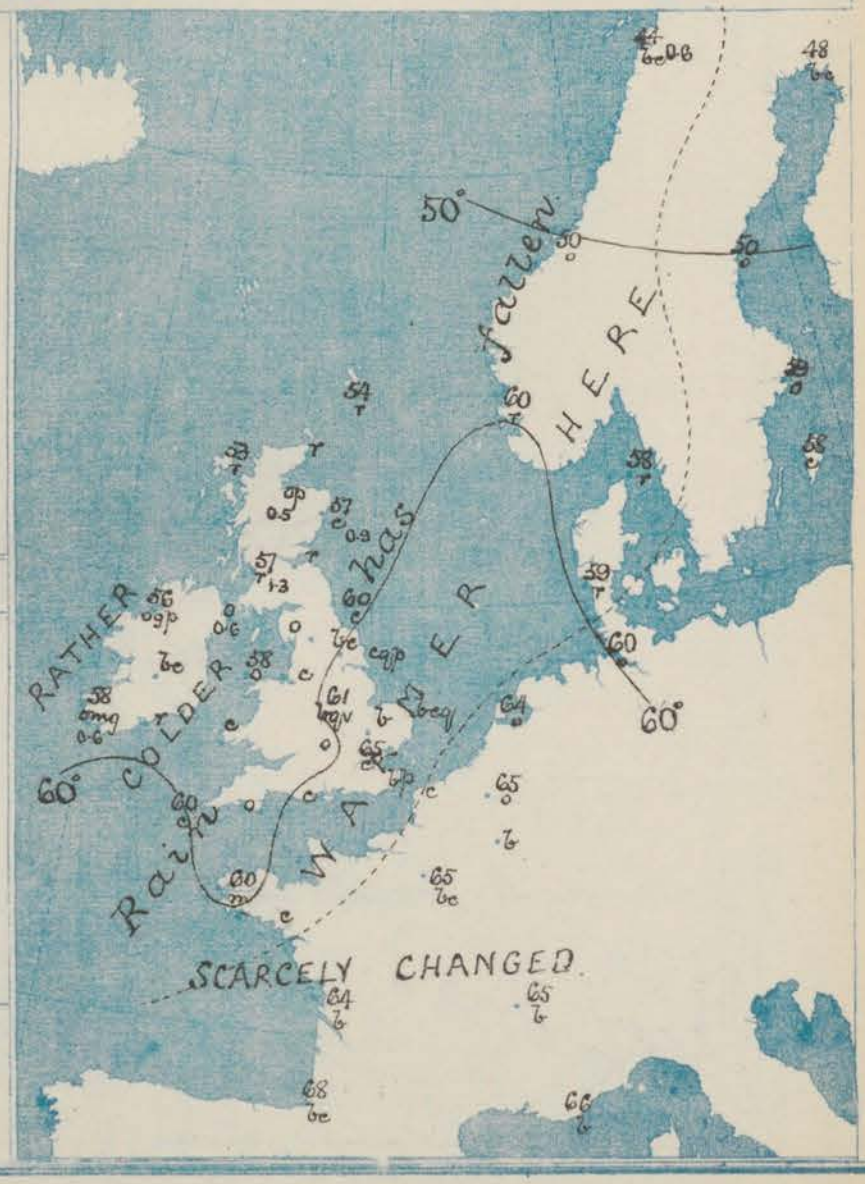

REMARKS

for SATURDAY 2nd Sept.r 1882 *at* 8 a.m.

The centre of the depression which lay off our W.n coasts yesterday has now reached Scotland, where readings are uniformly low (29·0 ins) while rather steep gradients for S.W.l winds are found over Ireland, England and the Channel. S.W.l winds prevail generally over the last named countries; they are strong everywhere, and blow a gale at Burrow in Furness and the E.n parts of the Channel. In Scotland the wind is at present very light and variable, but a strong gale from S.E. was felt in Caithness yesterday. Temperature has risen several degrees at our N.n and E.n stations, but fallen in the W. Rain has fallen in all parts of our Islands, heavily in the N.W., and the fall still continues at the Scotch stations; elsewhere some improvement has taken place, but the weather is still showery in most places. The sea is rough in the W. S. and far N. moderate in the East.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

3rd Sept.r

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Varying NE. to NW. winds; rainy to showery.	6 SCOTLAND WEST	Same as N.° 1.
1 SCOTLAND EAST	Varying breezes; wet and unsettled.	7 ENGLAND N.W.	Same as N.° 2.
2 ENGLAND N E	S.W.ly winds, strong; squally, showery; then more moderate and finer.	8 ENGLAND S.W.	Same as N.° 5.
3 ENGLAND EAST	....D°....D°....D°....	9 IRELAND NORTH	S.W.ly to S.ly winds, with unsettled showery weather.
4 MIDLAND COUNTIES	....D°....D°....D°....	10 IRELAND SOUTH	....D°....D°....D°....
5 ENGLAND SOUTH	S.W.ly winds, strong, a gale at times; showery to fair.	WARNINGS	The S. cone is still up in Districts N.os 3 and 5, but has been lowered elsewhere

Frost Thompson Hick, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 2nd Sept 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.69	41	Z	0	b	29.69	+.08	48	41	+ 9	SW	2	bc	*	52	36	-
Hernösand	29.78	51	S	2	c	29.69	-.13	50	46	+ 3	Z	0	o	*	64	41	-
Stockholm ...	29.90	50	WSW	2	o	29.85	+.03	59	54	+ 11	SW	2	o	*	63	43	-
Wisby	29.88	51	W	2	bc	29.88	+.12	58	54	+ 1	WSW	4	c	*	61	50	-
Bodö	29.61	44	SW	4	r	29.61	-.02	44	42	- 1	SSW	4	bc	3	46	41	0.63
Christiansund...	29.72	51	SW	2	o	29.50	-.29	50	46	0	ENE	3	o	3	54	46	0.08
‡Skudesnaes ...	29.69	59	SE	8	r	29.29	-.53	60	59	+ 3	SSE	6	r	0	?	57	-
Oxö (Christiansund) ...																	
Skagen (The Skaw)	29.84	58	ESE	2	b	29.53	-.32	58	57	0	S	7	r	5	63	57	0.16
Fanö	29.82	58	S	6	o	29.60	-.31	59	59	- 1	S	6	r	*	63	55	0.24
Cuxhaven	29.91	?	S	2	o	29.75	-.20	60	58	+ 3	S	4	o	*	63	54	-
‡Sumburgh Head	29.84	49	SE	6	r	29.08	-.68	54	54	+ 4	NE	5	r	6	55	49	0.40
‡Stornoway ...	29.18	51	ESE	5	r	29.05	-.42	53	53	+ 1	N	2	r	2	56	51	0.32
Wick	29.27	55	SE	5	r	29.01	-.62	57	56	+ 5	Z	0	r	2	57	50	0.28
Nairn	29.16	57	E	1	o	29.01	-.52	56	55	+ 3	Z	0	opq	1	60	53	0.45
‡Aberdeen ...	29.28	56	SSE	6	r	29.07	-.56	57	56	+ 4	S	4	c	4	61	52	0.86
Leith	29.24	65	S	1	r	29.01	-.52	57	55	+ 1	S	1	r	*	67	54	0.25
‡Shields	29.35	64	SSW	5	r	29.14	-.48	60	57	+ 5	SW	6	c	3	64	52	0.09
Spurn Head	29.51	62	S	6	r	29.32	-.39	62	59	+ 5	S	7	cgp	3	64	57	0.16
York	29.44	63	S	4	r	29.27	-.41	61	56	+ 5	SW	6	bc	*	66	56	0.20
Loughborough .	29.50	65	S	5	r	29.37	-.32	61	56	+ 2	SW	6	bqv	*	65	58	0.31
‡Ardrossan ...	29.21	59	S	3	cf	29.02	-.46	57	57	+ 2	Z	0	r	0	60	54	1.34
‡Mullaghmore ...	29.17	60	SW	4	o	29.12	-.18	56	55	- 3	WSW	5	ogp	4	68	55	0.41
Donaghadee ...	29.24	62	S	4	bc	29.10	-.36	57	57	- 1	WSW	4	o	2	64	54	0.59
Parsonstown ...	29.23	62	S	1	o	29.22	-.11	56	54	- 2	S	1	bc	*	67	54	0.26
Barrow-in-Furness	29.35	61	SSW	4	c	29.14	-.44	58	56	0	SSW	10	o	6	62	57	0.34
‡Holyhead ...	29.35	59	SSW	5	bc	29.23	-.32	58	55	- 2	SW	6	o	5	62	57	0.09
Liverpool (Bidston)	29.37	66	WSW	3	c	29.25	-.34	59	55	0	SW	5	c	4	66	56	0.20
‡Valencia	29.16	59	SSW	1	o	29.23	-.04	58	57	- 3	WSW	6	omg	6	63	54	0.64
Roche's Point...	29.27	59	SSW	5	o	29.26	-.24	56	56	- 3	SW	6	r	5	64	54	0.28
Pembroke ...	29.41	59	SSW	3	c	29.37	-.21	59	56	- 1	WSW	6	c	7	61	57	0.33
‡Scilly	29.49	60	SW	6	c	29.47	-.14	60	57	0	SW	6	c	6	63	57	0.08
Prawle Point ...	29.58	60	S	7	f	29.54	-.18	58	58	- 1	SSW	6	o	6	62	56	0.29
Hurst Castle ...	29.63	64	SW	5	c	29.57	-.19	61	60	0	WSW	8	c	5	65	60	0.27
‡Dover	29.71	62	SSW	4	omq	29.59	-.24	64	62	+ 4	WSW	7	bp	5	64	60	0.42
‡London	29.63	66	SSW	5	od	29.54	-.24	65	60	+ 5	SSW	5	c	*	66	60	0.05
Oxford	29.55	64	SSW	5	r	29.43	-.25	59	58	- 1	S	6	o	*	65	58	0.29
Cambridge ...	29.59	64	S	2	o	29.46	-.31	64	59	+ 5	S	3	b	*	66	58	0.05
‡Yarmouth ...	29.67	61	SSW	5	or	29.50	-.30	64	59	+ 4	SW	6	bqv	4	64	58	0.05
The Helder ...	29.76	61	SSE	3	o	29.58	-.33	64	62	+ 9	SSW	5	o	3	65	55	-
Cape Gris Nez	?	65	?	5	o	29.65	-.21	64	63	+ 7	W	7	c	5	66	55	-
‡Jersey																	
Brest	29.68	61	S	7	f	29.67	-.13	60	59	0	SW	5	m	5	61	57	0.24
Lorient	?	63	?	5	m	?29.70	-.11	62	59	0	WSW	5	c	4	64	59	0.08
‡Rochefort ...	29.86	69	WSW	4	b	29.81	-.12	64	64	0	SSE	3	b	1	75	57	-
Biarritz	29.88	72	E	3	b	29.87	-.15	68	65	+ 2	WSW	5	bc	2	75	63	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	?	?	65	62	+ 7	?	5	o	*	69	?	-
Charleville ...	?29.91	65	SE	5	o	?29.85	-.12	60	56	+ 5	S	1	b	*	69	55	-
Paris	29.88	69	SW	4	bc	29.82	-.14	65	61	?	S	4	bc	*	*	*	-
Lyons	29.96	70	E	1	b	29.98	-.03	65	59	+ 6	S	1	b	*	76	56	-
Toulon	29.97	72	W	3	b	30.06	+.06	66	63	0	E	4	b	2	77	61	-
HIGH LEVEL STATION.						**Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.**											
Hawes Junction	28.18	61	SW	4	r	28.00	-.41	53	52	- 2	SW	6	r	*	61	53	0.39

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.82	58	52	S	2	o	3
Sumburgh Head	29.63	52	47	SE	5	o	4
Stornoway ...	29.31	56	55	SE	5	m	4
Aberdeen ...	29.44	56	55	S	6	r	5
Shields	29.49	61	60	SSW	4	og	4
Ardrossan ...	29.25	59	59	SSW	4	r	3
Mullaghmore ...	29.16	64	60	WSW	5	opr	5
Holyhead	29.37	62	62	SSW	5	d	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.30	62	60	SSW	7	cfq	6
Scilly	29.52	62	62	SSW	7	fd	5
Dover	29.79	61	60	SW	5	ofd	4
London ...	29.71	64	63	SSE	3	od	*
Yarmouth ...	29.75	61	60	S	5	o	4
Jersey	29.78	67	65	S	3	o	3
Rochefort ...	29.92	71	67	SW	5	c	2
Ben Nevis (4,406 ft) 9 a.m. on 1st.	25.05	40	40	ESE	5	f	Max 40, Min 33, Rain 0.55

The depression in the N. is moving NE'wds, but the barometer, after rising slightly at Valencia, has commenced to fall again with a moderate SSW'ly gale and rain.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is. b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers q. squally: r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY 3RD SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Sunday 3rd SEPTEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

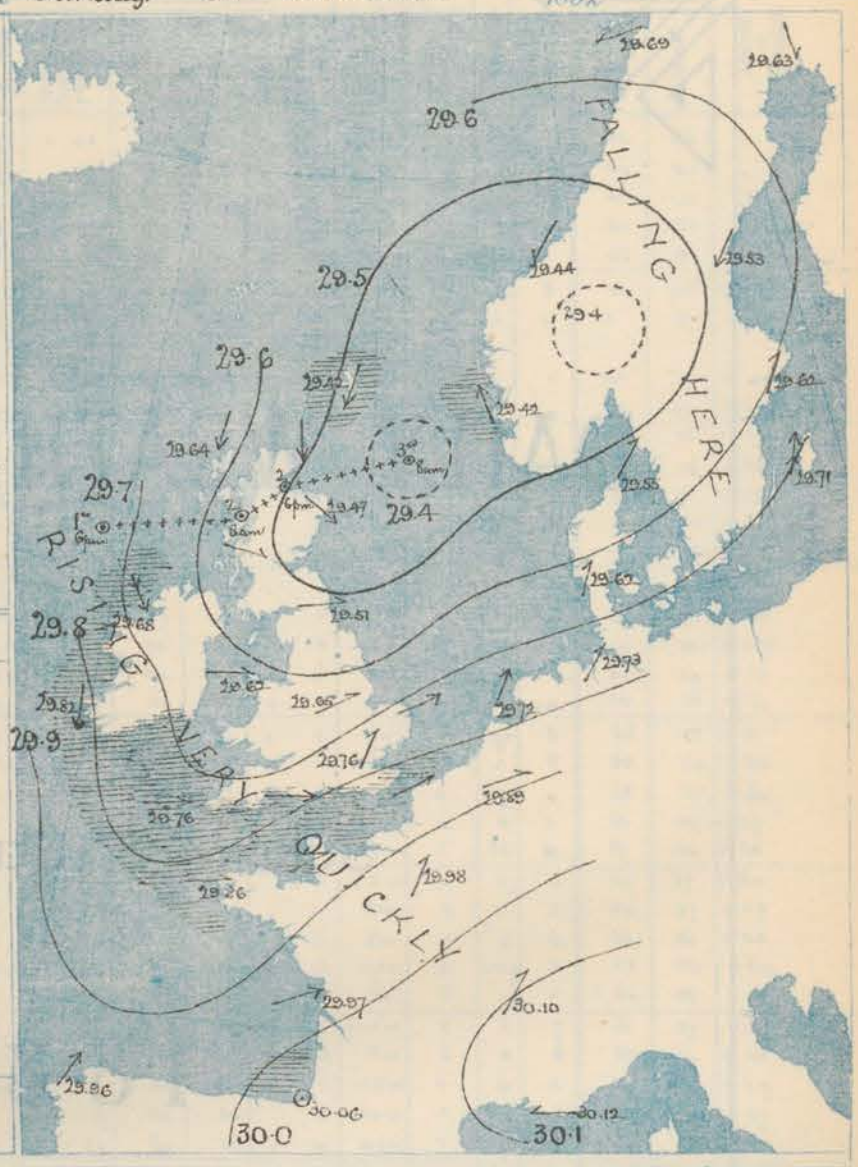
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟫ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4,
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valenaa	29 . 872
Roche's Pt.	29 . 876
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

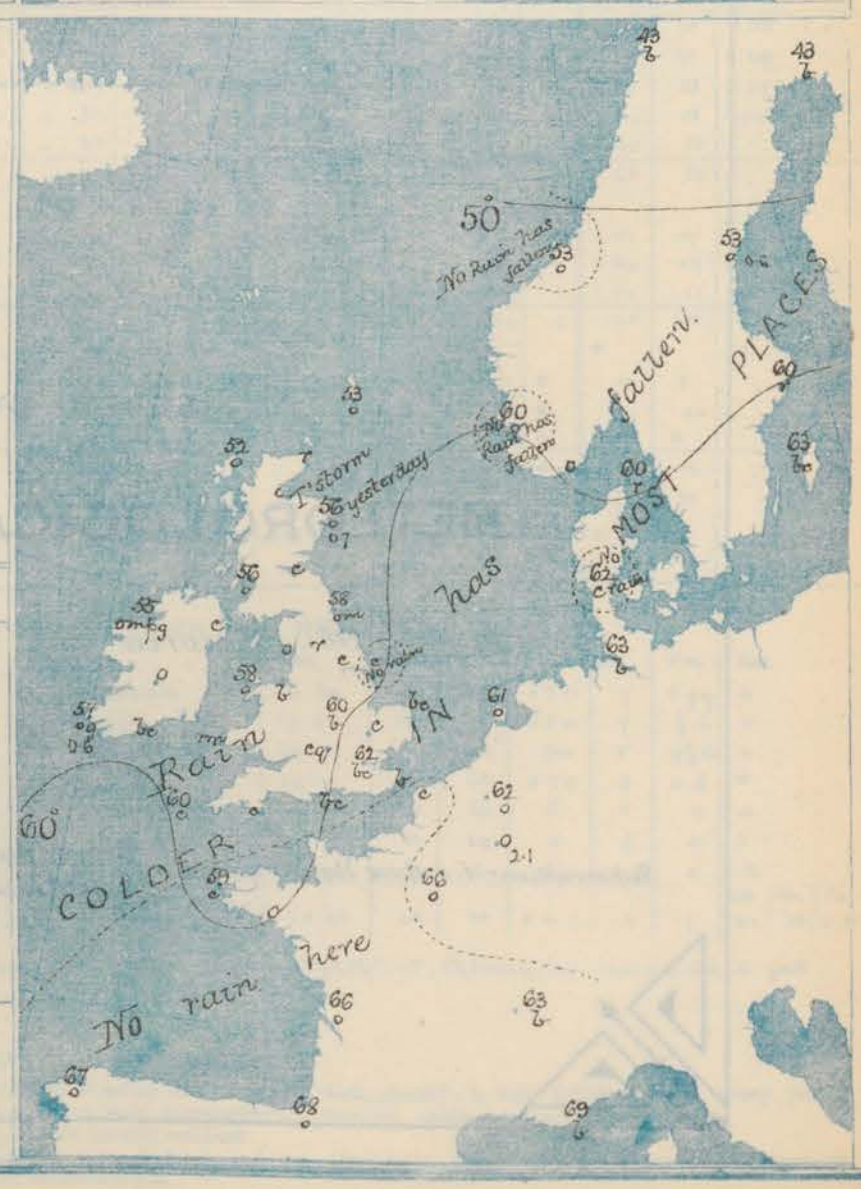
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	52·3	2·14
Stornoway	52·4	4·54
Aberdeen	54·5	3.58
Shields	55·8	2·81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 3rd Sept.r 1882 at 8 a.m.

The weather over the British Isles seems to be improving gradually. The depression shown in the N. yesterday is moving slowly to the E.ward, and although a new disturbance seems to have developed over the S. of Norway, both are apparently filling up slowly. Temperature has decreased in most places. W.l breezes, moderate to strong in force, have set in over Scotland and Ireland, accompanied by dull weather, but in England the wind is still SW.l to W.l and the weather rather unsettled. In the Channel the W.l breeze continues to blow strongly. The Sea is rough except on our East coast.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N E		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Frank Dangerfield & Richards Crown Yard Lambeth

METEOROLOGICAL OBSERVATIONS FOR 3rd Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday	Wind. Direc.	Wind. Force. (0 to 12).	Weather	Sun. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amt. of Rainfall.
Haparanda	29.63	50	L	0	0	29.63	- .06	43	40	- 5	N	4	b	*	54	32	0.20
Hernösand	29.51	54	S	6	f	29.53	- .16	53	52	+ 3	NE	6	0	*	57	45	0.55
Stockholm ...	29.66	59	SW	4	r	29.62	- .23	60	59	+ 1	SSW	2	r	*	?	48	0.28
Wisby	?	62	SSW	8	0	29.71	- .17	63	61	+ 5	SSW	8	bc	*	63	50	0.12
Bodö	29.62	45	SE	2	b	29.69	+ .08	43	41	- 1	ENE	2	b	1	61	37	0.08
Christiansund...	29.36	53	NE	6	0	29.44	- .06	53	50	+ 3	NE	3	0	3	57	48	-
‡Skudesnaes ...	29.31	60	S	8	0	29.42	+ .13	60	57	0	SSE	6	0	5	61	?	-
Oxö (Xtiansund) ..	29.45	60	SSW	8	0	29.46		60	59		SSW	4	0	3	63	57	0.24
Skagen (The Skaw)	29.54	61	SW	4	b	29.55	+ .02	60	59	+ 2	SW	3	r	2	63	55	0.35
Fanö	29.58	61	SW	4	b	29.62	+ .02	62	60	+ 3	SSW	4	c	*	64	57	-
Cuxhaven ..	29.65	?	SSW	3	bc	29.73	- .02	63	61	+ 3	SW	4	b	*	68	57	0.04
‡Sumburgh Head	29.14	54	NE	3	0	29.42	+ .34	53	52	- 1	NNE	5	0	5	59	52	0.25
‡Stornoway ...	29.15	55	NNE	5	m	29.64	+ .59	52	50	- 1	NNE	5	0	4	58	50	0.06
Wick	29.12	56	L	0	0	29.55	+ .54	53	52	- 4	N	5	r	3	65	52	0.17
Nairn ...	29.[illegible]	57	NNE	2	r	29.53	+ .52	54	53	- 2	NNE	5	c	5	62	54	0.16
‡Aberdeen ...	29.14	56	SW	1	r	29.47	+ .40	56	55	- 1	NNW	4	0	3	65	52	0.70
Leith	29.23	61	NW	3	bc	29.48	+ .47	57	55	0	NW	1	c	*	67	50	0.16
‡Shields	29.28	60	WSW	3	c	29.51	+ .37	58	55	- 2	W	2	om	2	65	54	0.14
Spurn Head ..	29.39	63	SW	5	c	29.61	+ .29	60	58	- 2	SW	4	c	3	67	56	-
York	29.35	61	SW	3	0	29.60	+ .33	59	56	- 2	WSW	4	c	*	66	54	0.02
Loughborough .	29.44	61	WSW	5	c	29.65	+ .28	60	56	- 1	WSW	4	bv	*	67	57	-
‡Ardrossan ...	29.23	57	WSW	3	c	29.52	+ .50	56	55	- 1	WNW	2	0	1	61	53	0.14
‡Mullaghmore ...	29.31	57	W	5	c	29.68	+ .56	55	53	- 1	NNW	6	carg	5	63	54	0.01
Donaghadee ...	29.29	61	WSW	8	c	29.57	+ .47	55	55	- 2	WNW	5	c	3	64	53	0.10
Parsonstown ...	29.39	60	W	1	bc	29.71	+ .49	54	53	- 2	NNW	2	0	*	66	50	-
Barrow-in-Furness	29.29	59	SSW	4	c	29.55	+ .41	56	56	- 2	WSW	3	0	4	61	56	0.14
‡Holyhead ..	29.34	59	SW	5	c	29.62	+ .39	58	56	0	W	4	0	3	60	54	0.20
Liverpool (Bidston)	29.35	58	SW	5	r	29.60	+ .35	58	55	- 1	SW	1	b	3	59	54	0.26
‡Valencia	29.48	58	WSW	5	0	29.52	+ .59	57	54	- 1	N	4	og	5	61	54	0.57
Roche's Point...	29.44	60	W	4	c	29.72	+ .47	54	52	- 2	NNW	4	c	4	62	52	0.30
Pembroke ...	29.44	58	WSW	6	r	29.66	+ .29	56	56	- 3	WSW	4	nm	5	60	56	0.11
‡Scilly	29.62	59	W	8	0	29.76	+ .29	60	58	0	W	6	c	6	63	56	0.01
Prawle Point ...	29.64	57	E	6	0	29.79	+ .25	58	58	0	SW	5	c	5	62	55	0.20
Hurst Castle ...	29.62	61	W	8	bc	29.79	+ .22	60	57	- 1	W	6	bc	5	64	57	0.09
‡Dover	29.63	62	SW	6	bc	29.81	+ .22	61	59	- 3	WSW	6	b	5	65	59	0.05
‡London	29.60	62	SW	6	cp	29.76	+ .22	62	57	- 3	SW	3	bc	*	68	57	0.03
Oxford	29.57	59	SSW	5	r	29.63	+ .15	59	56	0	SSW	2	cq	*	67	56	0.16
Cambridge ..	29.52	61	SW	2	c	29.73	+ .27	60	57	- 4	SW	2	c	*	69	56	0.12
‡Yarmouth ...	29.52	63	SW	5	bc	29.71	+ .21	62	58	- 2	WSW	3	bc	4	70	55	0.13
The Helder ...	29.60	63	SW	5	b	29.72	+ .14	61	58	- 3	SW	5	0	3	68	61	0.04
Cape Gris Nez	29.71	61	WSW	9	c	29.82	+ .17	61	60	- 3	WSW	7	c	5	68	57	-
‡Jersey	29.76	61	WSW	4	c	29.87	+ .19	59	58	- 4	W	4	og	4	66	57	0.25
Brest	29.80	60	W	5	0	29.86	+ .19	59	57	- 1	W	4	c	5	61	55	-
Lorient	29.82	62	W	7	0	?29.83	+ .18	60	59	- 2	W	5	0	4	66	57	-
‡Rochefort ...	29.92	68	WNW	5	bc	29.97	+ .16	66	63	+ 2	WSW	5	0	2	77	61	-
Biarritz	30.03	70	NW	1	0	30.06	+ .19	68	66	0	E	1	0	5	75	65	-
Corunna	*	*	*	*	*	29.96		67	64		SW	5	0	4	75	61	0.16
Brussels ...	*	*	*	*	*	29.89	?	62	59	- 3	WSW	4	0	*	75	60	0.04
Charleville ...	?29.88	75	W	5	c	?29.97	+ .12	60	57	0	SW	5	0	*	78	59	?2.12
Paris	29.82	71	S	3	b	29.98	+ .16	66	62	+ 1	SW	3	0	*	*	*	0.04
Lyons	29.93	75	S	4	b	30.10	+ .12	63	60	- 2	SW	1	b	*	81	60	-
Toulon	30.08	66	E	3	b	30.12	+ .06	69	61	+ 3	E	4	b	2	77	64	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.11	54	WSW	4	r	28.34	+ .34	52	52	- 1	WSW	4	r	*	55	32	0.26

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.30	61	59	S	6	rf	6
Sumburgh Head	29.08	57	56	S	4	c	6
Stornoway ...	29.06	58	57	NW	3	o	2
Aberdeen ...	29.05	63	60	S	3	bc	4
Shields	29.23	61	58	WSW	5	cp	3
Ardrossan ..	29.16	60	59	WSW	4	c	3
Mullaghmore ...	29.23	60	57	WSW	4	bv	3
Holyhead ...	29.29	58	58	SW	6	rw	5

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.39	60	58	W	5	om	5
Scilly	29.56	62	59	WSW	7	c	6
Dover	29.61	64	61	WSW	6	bp	5
London ...	29.55	66	61	SSW	8	cqp	*
Yarmouth ...	29.50	69	62	SW	5	bcq	4
Jersey	29.71	65	62	SW	5	r	4
Rochefort ...	29.88	73	68	WNW	5	bc	2
Ben Nevis (4,406 ft.) 9 a.m. on 2nd	24.69	42	42	WSW	1	f	Max 48, Min 39, Rain -

The depression in the N. has moved very little since the morning, and except at our W. stations pressure has changed but slightly. The SW. wind still blows very strongly over our S. districts with slight passing showers, but in the N. the wind is light and variable.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY 4TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY)

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WEATHER CHARTS

for 8 a.m. on MONDAY 4TH SEPTR 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ - forces above 10; ⟶ - forces 8 to 10
⟶ - forces 5 to 7; ⟶ - forces 1 to 4,
⊙ - dead calm.

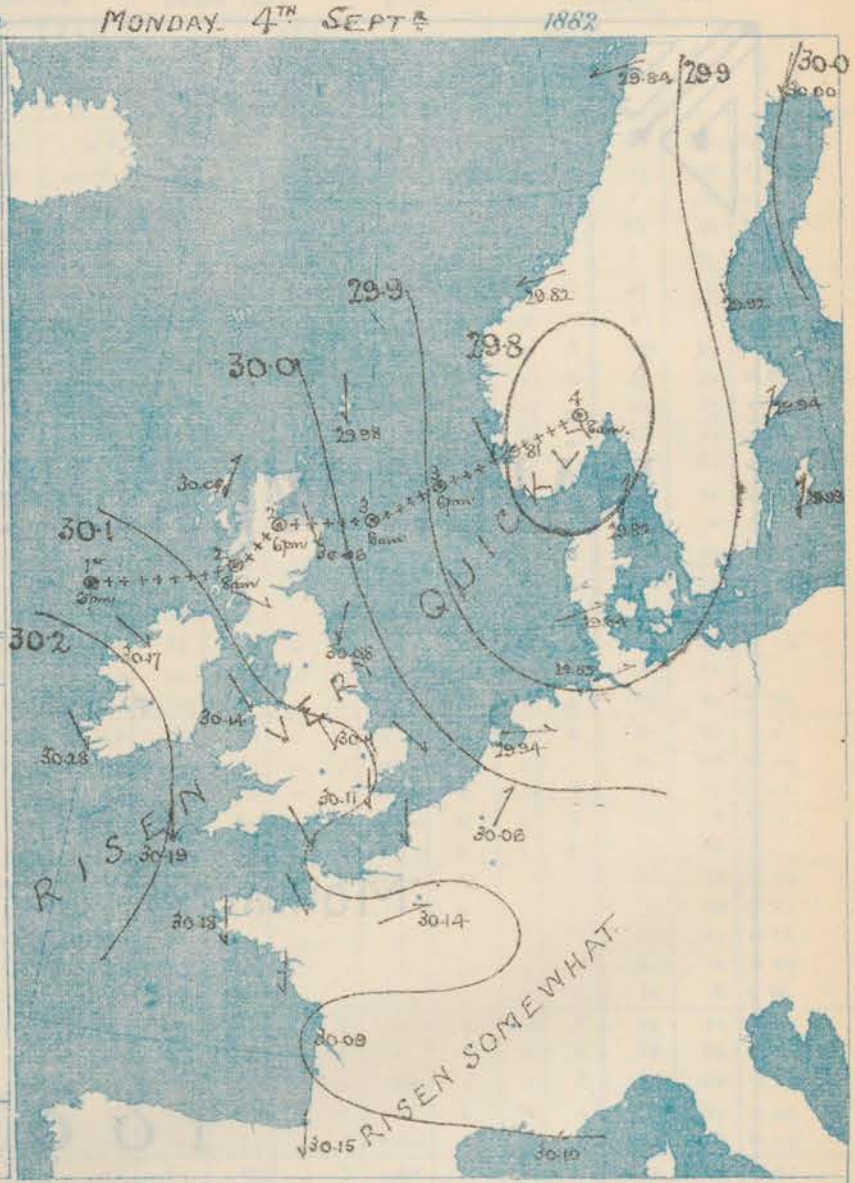
Sea Disturbance, where considerable, is shown by shading round the coast, thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

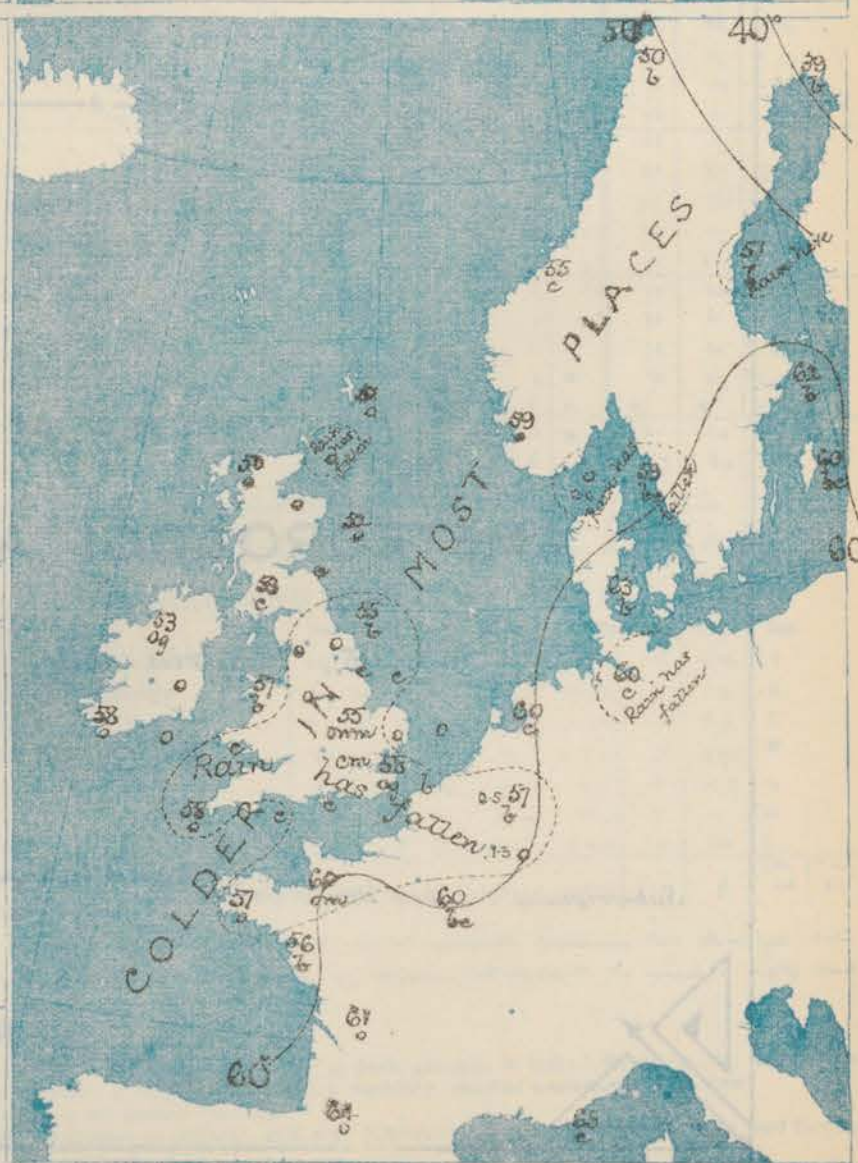
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 4th SEPTr 1882 at 8 a.m.

The disturbance noticed off the East of Scotland yesterday has now reached the S. of Norway, but has become very shallow, and slight gradients for Nly and NWly winds prevail over the United Kingdom. Temperature has fallen somewhat in most places, and readings now range from 55° at Rain. to 57° at Yarmouth, and 58° at Scilly. Maximum readings were recorded yesterday as high as 71° in London, 70° at York, and 69° at Cambridge. Nly and NWly breezes, light to moderate in force, have now spread over our Islands; but at Stornoway the wind has backed to SSW again, and on the NWly coasts generally there is some tendency to back towards W. The amount of cloud prevalent this morning is large over the greater part of the Kingdom, but the air is generally dry. At Shields and Dover the sky is clear. The sea is moderate at the mouth of the Channel, smooth, or nearly so, elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the 5TH SEPTr

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Wind becoming SWly again, moderate to fresh; fair to showery.	6 SCOTLAND WEST	NWly to Wly breezes, moderate; fair.
1 SCOTLAND EAST	Very light breezes, variable; fair generally.	7 ENGLAND N.W.	...D°...D°...D°...
2 ENGLAND N.E.	NWly breezes, light; fine, dry, cold at night.	8 ENGLAND S.W.	Nly and NWly breezes, moderate; fine.
3 ENGLAND EAST	...D°...D°...D°...	9 IRELAND NORTH	Same as No 6.
4 MIDLAND COUNTIES	D°...D°...D°...	10 IRELAND SOUTH	Light airs and calms; hazy, but fine.
5 ENGLAND SOUTH	Nly and NWly breezes, light; cloudy to clear; cold at night.	WARNINGS	None issued.

Frederk Dingerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 4th SEPT. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.87	40	Z	0	b	30.00	+ .37	39	35	− 4	NE	2	b	*	54	39	-
Hernösand	29.80	50	NE	4	r	29.92	+ .09	51	50	− 2	NNE	2	r	*	55	50	0.24
Stockholm ..	29.83	61	WSW	2	o	29.94	+ .22	62	59	+ 2	SW	2	b	*	70	57	-
Wisby	29.81	61	SW	5	b	29.93	+ .22	60	58	− 3	SW	4	bc	*	70	59	-
Bodö † ...	29.75	49	E	2	b	29.84	+ .15	50	46	+ 7	ENE	2	b	2	55	43	-
Christiansund ...	29.66	55	NNE	1	c	29.82	+ .38	55	50	+ 2	ENE	1	c	2	55	48	-
‡Skudesnaes ...	29.65	57	Z	0	o	29.81	+ .39	59	58	− 1	NNW	4	o	4	63	57	-
Oxö (Christiansund) .	29.67	59	SSW	6	o	29.78	+ .32	58	57	− 2	NNW	1	o	3	61	55	0.63
Skagen (The Skaw)	29.76	61	SW	3	b	29.82	+ .27	59	57	− 1	SW	3	bc	2	64	57	0.35
Fanö ...	29.83	60	WSW	4	c	29.84	+ .22	63	61	+ 1	WSW	4	b	*	64	57	-
Cuxhaven ..	29.77	?	SW	4	bc	29.89	+ .16	60	60	− 3	WSW	3	c	*	66	57	0.02
‡Sumburgh Head	29.69	52	NNE	5	o	29.98	+ .56	51	49	− 2	N	4	o	4	53	47	0.01
‡Stornoway .	29.92	52	N	4	o	30.07	+ .43	50	47	− 2	SSW	3	o	2	54	47	-
Wick	29.79	58	N	6	o	30.08	+ .53	52	46	− 1	N	1	o	2	56	46	0.02
Nairn ...	29.86	54	WNW	6	o	30.09	+ .56	50	48	− 4	WNW	2	o	3	55	53	-
‡Aberdeen ...	29.76	53	NNW	6	dgp	30.06	+ .59	52	47	− 4	NNW	4	o	2	58	47	-
Leith	29.80	61	N	1	c	30.08	+ .60	52	47	− 5	NE	2	c	*	67	44	-
‡Shields	29.74	57	N	3	c	30.08	+ .57	55	50	− 3	NNE	2	b	3	64	50	0.06
Spurn Head	29.72	59	WSW	4	c	30.03	+ .42	56	54	− 4	NNW	4	c	3	63	54	0.13
York ...	29.74	58	W	1	r	30.09	+ .49	55	52	− 4	NW	1	c	*	70	51	0.19
Loughborough	29.79	58	Z	0	c	30.11	+ .46	55	53	− 5	NNW	1	omw	*	68	53	0.24
‡Ardrossan .	29.77	62	WNW	1	o	30.05	+ .53	53	51	− 3	WNW	1	c	1	67	50	-
‡Mullaghmore ...	29.96	55	NNW	5	o	30.17	+ .49	53	48	− 2	WNW	2	oq	2	57	52	-
Donaghadee ...	29.87	55	N	6	b	30.14	+ .57	53	50	− 2	NW	4	c	2	62	50	-
Parsonstown ...	29.96	55	NW	2	r	30.23	+ .52	52	49	− 2	Z	0	c	*	59	50	-
Barrow-in-Furness	29.75	60	WNW	3	bc	?30.07	+ .52	56	54	0	?WSW	4	o	3	60	54	-
‡Holyhead ..	29.82	58	NW	?	r	30.14	+ .52	57	53	− 1	NNW	4	b	3	60	54	0.02
Liverpool (Bidston)	29.79	57	W	3	o	30.10	+ .50	55	53	− 3	SE	1	o	2	60	54	0.04
‡Valencia	30.07	56	N	4	od	30.28	+ .46	58	56	+ 1	NNW	1	o	1	61	48	-
Roche's Point	29.98	59	NNW	4	bc	30.23	+ .51	54	52	0	NNW	3	o	3	62	52	-
Pembroke ...	29.87	57	NW	3	r	30.17	+ .51	55	52	− 1	NNW	2	c	3	59	53	0.09
‡Scilly	29.92	60	NNW	5	bc	30.19	+ .43	58	53	− 2	N	5	o	4	62	55	0.01
Prawle Point ...	29.90	58	W	4	c	30.15	+ .36	56	55	− 2	NNW	3	c	3	62	50	-
Hurst Castle ...	29.86	61	W	6	bc	30.10	+ .31	58	57	− 2	NNW	2	c	3	65	55	0.02
‡Dover	29.85	61	WSW	4	b	30.05	+ .24	58	56	− 3	N	3	b	1	64	56	0.04
‡London	29.82	64	SW	2	bdp	30.11	+ .35	58	55	− 4	N	1	oq	*	71	54	-
Oxford	29.86	58	WSW	2	c	30.11	+ .48	57	54	− 2	N	1	cm	*	67	56	0.07
Cambridge ..	29.80	62	SW	1	bc	30.11	+ .38	57	55	− 3	N	1	o	*	69	53	-
‡Yarmouth ...	29.76	65	W	3	b	30.05	+ .34	57	55	− 5	NW	2	c	2	69	52	-
The Helder ...	29.84	61	SW	3	b	29.94	+ .22	60	58	− 1	W	1	c	1	66	?	-
Cape Gris Nez	29.90	61	WSW	4	b	30.04	+ .22	61	58	0	E	3	c	2	64	54	0.08
‡Jersey	29.96	60	WNW	4	b	30.14	+ .38	60	58	− 2	NNW	4	o	3	67	56	0.01
Brest ...	29.98	60	WNW	3	o	30.18	+ .32	57	56	− 2	N	4	o	4	63	55	0.04
Lorient	29.95	61	WNW	5	b	?30.12	+ .24	56	54	− 4	N	4	b	2	63	54	-
‡Rochefort ...	29.99	66	WNW	5	o	30.09	+ .12	61	60	− 5	?S	4	o	2	73	54	-
Biarritz	30.09	69	NNE	4	o	30.18	+ .09	64	62	− 4	N	4	o	3	75	59	0.16
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.06	+ .17	57	56	− 5	SW	1	b	*	69	55	0.51
Charleville ...	29.95	67	SSE	3	b	?30.09	+ .10	57	55	− 3	W	3	o	*	73	55	1.30
Paris	29.97	65	SW	3	o	30.14	+ .16	60	57	− 6	WSW	4	bc	*	*	*	-
Lyons														*			
Toulon	30.10	69	SE	3	b	30.10	− .02	65	60	− 4	E	3	c	2	77	63	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.54	55	WSW	2	o	28.86	+ .51	50	49	− 2	WSW	2	o	*	57	48	0.20

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.60	62	58	S	4	o	4
Sumburgh Head							
Stornoway							
Aberdeen							
Shields							
Ardrossan							
Mullaghmore							
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...							
Scilly							
Dover							
London ...							*
Yarmouth							
Jersey							
Rochefort	29.99	71	66	W	5	c	2
Ben Nevis (4406 ft) 9 a.m. on 3rd	25.13	40	40	SW	7	f	Max 43, Min 38, Rain 0.88

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY 5TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s. per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Hangerfield Lith. Stilford St Covent Garden.

WEATHER CHARTS

for 8 a m on Tuesday 5th SEPTEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

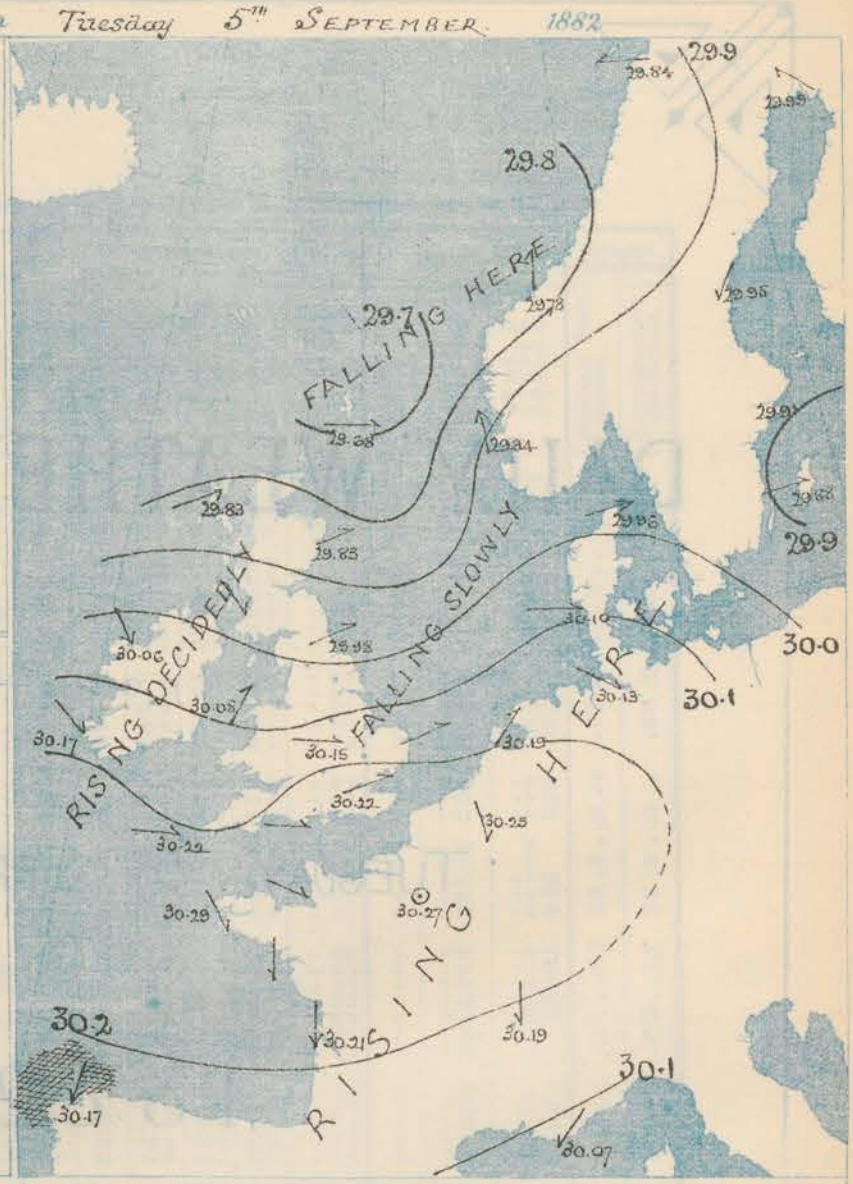
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
»→ = forces above 10; ›→ = forces 8 to 10
→ = forces 5 to 7; → = forces 1 to 4.
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

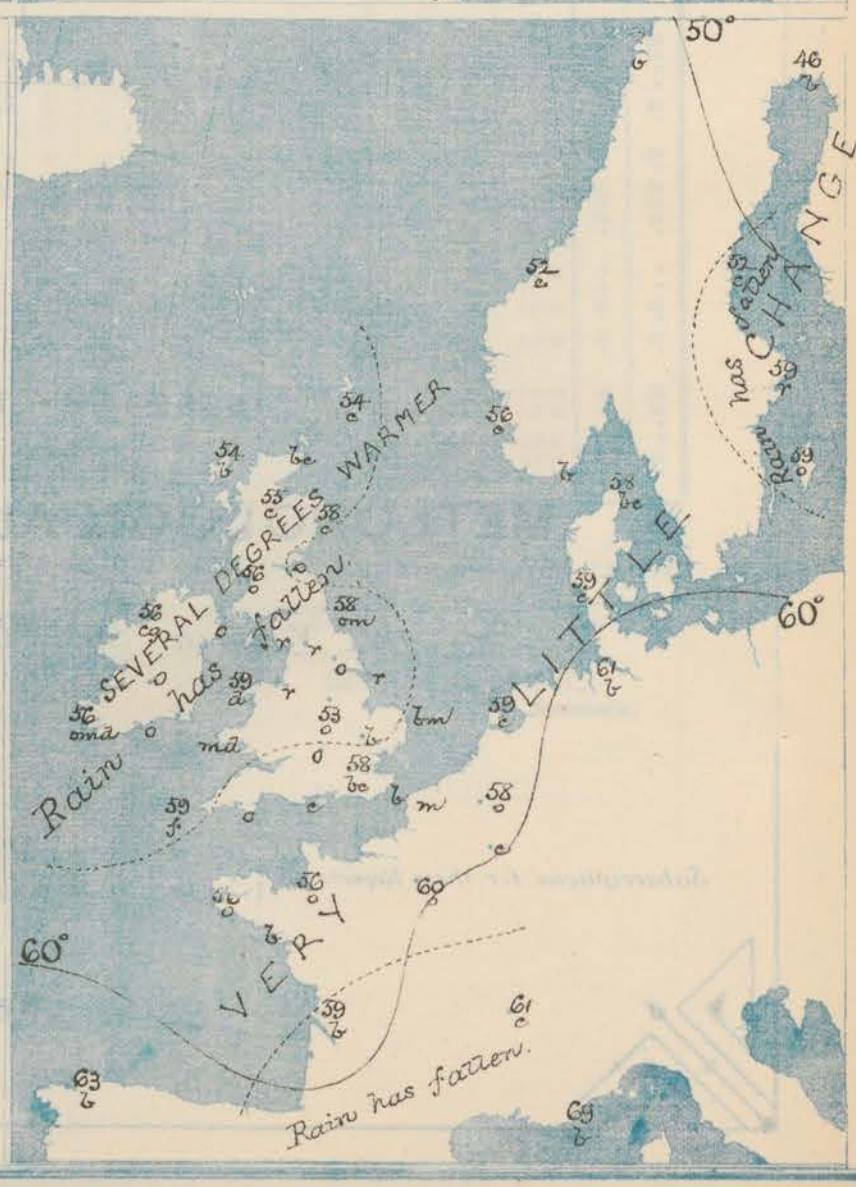
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday. 5th September 1882 at 8 a.m.

The weather over the United Kingdom is again falling into a changeable condition. The barometer is highest over France, and while a rather deep depression has arrived in the neighbourhood of the Shetlands during the night, a subsidiary disturbance has appeared near Wick, and another over the mouth of St. George's Channel. All are travelling Eastwards. Varying Wly (SW to NW) winds have set in all over the Kingdom, but in nearly all places they are light to moderate in force. In the extreme N. of Scotland, however, a strong Sly gale was felt for a few hours last night. Temperature has risen several degrees in Ireland and Scotland, but has changed very little over England. The sky has become overcast except at our SEn stations, and even there the cloud is increasing, owing to the advance of the subsidiary depression in the West. Rain is falling at the Welsh stations, and in some few other localities, and the general appearance is unsettled. The sea is moderate in the SW. and W. smooth at Holyhead and Dover.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the 6th Sept.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Varying Wly (SW. to NW.) winds; changeable, showery.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	SWly breezes; changeable from cloudy to clear; some showers.	7 ENGLAND N.W.	Same as No. 0.
2 ENGLAND N E	- - - D° - - - D° - - - D° - - -	8. ENGLAND S W	NWly to SWly breezes, fresh; some showers.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Varying NWly to SWly winds, with changeable, showery weather.
4 MIDLAND COUNTIES	SWly to NWly breezes, moderate; showery to fair.	10 IRELAND SOUTH	- - - D° - - - D° - - - D° - - -
5 ENGLAND SOUTH	SWly to NWly breezes, light to fresh; some rain, then fine.	WARNINGS	None issued.

Frost Dangerfield & Holford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 5th Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.96	47	SE	2	o	29.99	-.01	46	42	+ 1	SE	2	b	*	55	32	-
Hernösand	30.00	51	NE	4	c	29.95	+.03	52	50	+ 1	NNE	1	c	*	55	48	0.16
Stockholm	29.96	57	S	2	b	29.91	-.03	59	59	- 3	?	2	r	*	68	54	0.08
Wisby	29.89	59	Z	0	o	29.88	-.05	59	57	- 1	W	4	o	*	72	58	0.04
Bodö	29.89	53	W	2	c	29.84	.00	51	48	+ 1	E	2	b	1	59	43	-
Christiansund ...	29.90	53	NNE	2	bc	29.78	-.04	52	50	- 3	S	1	c	1	57	43	-
‡Skudesnaes ...	29.97	56	NW	2	c	29.94	+.13	56	51	- 3	SSE	6	c	4	61	55	-
Oxö (Xtiansund) ...	29.89	60	SW	2	b	29.97	+.19	56	53	- 2	WSW	6	b	3	63	52	-
Skagen (The Skaw)	29.91	57	WSW	2	b	29.96	+.14	58	55	- 1	WSW	5	bc	3	66	54	-
Fanö ...	30.03	58	WNW	2	b	30.10	+.26	59	57	- 1	W	2	c	*	61	?	-
Cuxhaven ...	30.05	?	SW	3	b	30.13	+.24	61	60	+ 1	WNW	2	b	*	64	57	-
‡Sumburgh Head	29.98	50	WSW	3	c	29.68	-.30	54	52	+ 3	W	4	c	4	54	45	0.30
‡Stornoway	29.92	52	S	6	o	29.83	-.24	54	50	+ 4	WSW	5	b	4	55	50	0.06
Wick ...	29.97	52	SW	3	bc	29.82	-.26	55	52	+ 3	NW	6	bc	4	55	49	0.23
Nairn ...	30.12	55	SW	2	o	29.84	-.25	55	55	+ 5	Z	0	c	1	59	47	0.13
‡Aberdeen ...	30.05	54	S	2	b	29.83	-.23	58	55	+ 6	WSW	3	c	2	60	48	0.21
Leith	30.06	57	W	3	bc	29.98	-.10	56	51	+ 4	WSW	3	o	*	61	47	-
‡Shields ...	30.10	54	SSE	2	m	29.98	-.10	58	55	+ 3	WSW	2	om	3	58	47	0.04
Spurn Head	30.15	57	ESE	4	c	30.09	+.06	52	51	- 4	SSW	3	r	3	61	51	0.02
York ...	30.15	61	W	1	c	30.09	.00	51	49	- 4	S	1	o	*	65	46	0.02
Loughborough	30.17	60	Z	0	bc	30.15	+.04	53	51	- 2	W	3	o	*	66	49	0.01
‡Ardrossan ...	30.10	55	W	3	bc	29.97	-.08	56	55	+ 3	NW	3	o	3	58	52	0.15
‡Mullaghmore	30.07	57	SSW	5	o	30.06	-.11	56	51	+ 3	NW	5	cg	4	61	53	0.14
Donaghadee ...	30.15	55	W	3	c	30.02	-.12	60	59	+ 1	WNW	4	o	2	61	51	-
Parsonstown ...	30.19	57	Z	0	o	30.11	-.12	59	58	+ 1	SW	1	o	*	59	51	-
Barrow-in-Furness	30.15	55	WSW	3	c	30.03	-.04	58	57	+ 2	SW	5	r	4	62	54	0.16
‡Holyhead ...	30.22	55	W	2	og	30.08	-.06	59	58	+ 2	SW	3	d	2	59	53	0.11
Liverpool (Bidston)	30.19	55	W	2	c	30.07	-.03	58	56	+ 3	SW	3	r	2	60	47	-
‡Valencia	30.23	56	S	4	rmg	30.17	-.11	56	56	- 2	NW	3	odm	4	59	52	0.33
Roche's Point ...	30.25	56	WSW	3	c	30.14	-.09	59	58	+ 5	WSW	2	o	3	62	53	0.01
Pembroke ...	30.26	55	NW	2	bc	30.15	-.02	58	58	+ 3	WSW	3	dm	3	58	54	0.01
‡Scilly	30.27	57	NNW	4	o	30.22	+.03	59	59	+ 1	W	4	f	4	59	54	0.01
Prawle Point	30.24	57	WNW	4	c	30.26	+.11	54	54	- 2	SW	4	o	4	68	47	-
Hurst Castle	30.18	65	NNE	2	bc	30.24	+.14	56	53	- 2	WNW	2	c	2	68	50	-
‡Dover	30.19	62	NNE	2	cg	30.22	+.17	62	58	+ 4	WSW	3	b	2	64	55	-
‡London	30.19	62	NNW	1	c	30.22	+.11	58	54	0	WSW	2	bc		67	53	-
Oxford	30.23	59	Z	0	o	30.21	+.10	53	52	- 4	SW	2	o		65	49	0.01
Cambridge ...	30.19	61	NW	1	b	30.18	+.07	56	52	- 1	SW	1	b		67	46	-
‡Yarmouth	30.19	58	N	2	bc	30.18	+.13	58	56	+ 1	WSW	2	bm	2	61	53	-
The Helder ...	30.17	59	WNW	3	c	30.19	+.25	59	56	- 1	SW	1	c	2	63	57	-
Cape Gris Nez	30.20	61	NNE	4	c	30.25	+.21	56	55	- 5	SE	1	m	1	64	52	-
‡Jersey	30.28	59	WNW	2	b	? 30.31	+.17	56	52	- 4	WNW	2	o	2	63	54	-
Brest	30.30	56	N	3	o	30.29	+.11	56	53	- 1	NNW	3	o	2	61	54	-
Lorient	?30.22	62	NNE	5	bc	?30.28	+.16	52	48	- 4	N	4	b	2	66	48	-
‡Rochefort ...	30.14	66	NNE	3	bc	30.21	+.12	59	58	- 2	NNE	5	b	2	72	54	0.08
‡Biarritz ...	30.24	66	NNW	4	c	30.25	+.10	63	59	- 1	S	1	o	2	70	48	-
Corunna	*	*	*	*	*	30.17	+.02	63	60	+ 2	NNE	7	b	7	68	59	-
Brussels ...	*	*	*	*	*	30.25	+.19	58	56	+ 1	NNW	1	o		67	54	-
Charleville ...	?30.16	57	WNW	1	b	?30.21	+.14	57	54	0	NW	1	c		77	54	-
Paris	30.19	64	NW	4	o	30.27	+.13	60	59	0	Z	0	o				-
Lyons	30.18	60	NNE	1	r	30.19		61	59		N	1	c		71	59	0.28
Toulon	30.09	65	NW	5	c	30.07	-.03	69	65	+ 4	NE	3	b	2	70	61	0.24
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,155 ft.) above M.S.L.																	
Hawes Junction	28.93	51	W	2	c	28.82	-.04	51	51	+ 1	SW	3	r	*	59	47	0.03

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.90	61	57	WNW	6	c	4
Sumburgh Head	30.01	53	48	NW	3	c	3
Stornoway ...	30.03	54	49	S	5	o	4
Aberdeen ...	30.09	57	52	WNW	3	c	2
Shields	30.13	56	52	ENE	2	o	3
Ardrossan ...	30.12	58	54	WNW	1	bc	0
Mullaghmore ...	30.15	59	52	SW	4	c	3
Holyhead	30.21	58	52	NNW	2	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30.27	58	54	SW	3	o	4
Scilly	30.26	58	52	NW	5	o	4
Dover	30.16	63	62	NNE	2	bo	1
London	30.17	64	58	NW	2	cg	*
Yarmouth ...	30.15	59	56	NNW	2	bc	3
Jersey	30.23	62	57	NNW	3	b	3
Rochefort ...	30.13	68	63	NW	3	b	2
Ben Nevis (4406 ft. Diam. 48).	25.53	33	32	SE	1	f	Max 40, Min 29, Rain 0.37

At all our NE^n, E^n, and S^n stations the barometer continues to rise steadily, and the wind is light and variable from the N^d. but in the W. and NW the barometer is inclined to fall a little. At Stornoway there is a fresh breeze from S. and even at Valencia the wind has backed to SW.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain, f. fog; z. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

† Received too late for insertion in Charts.

DAILY WEATHER REPORT

FOR

WEDNESDAY 6TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 6. SEPTEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

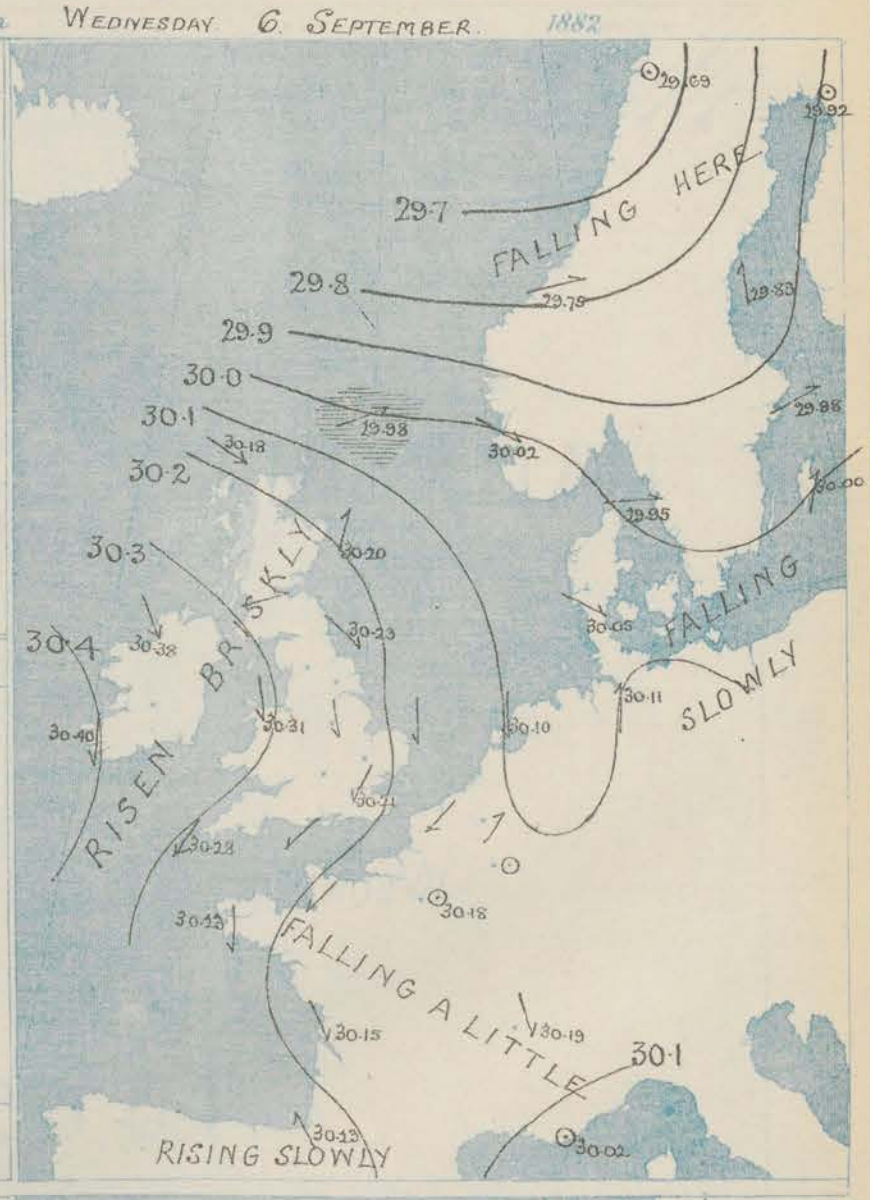
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
» — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4, ⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast: thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings ins
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greencastle	29.818
Holyhead	29.867
Valentia	29.872
Roche's Pt.	29.875
Plymouth	29.835
LONDON	29.937
Yarmouth	29.918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS

Explanation of Map

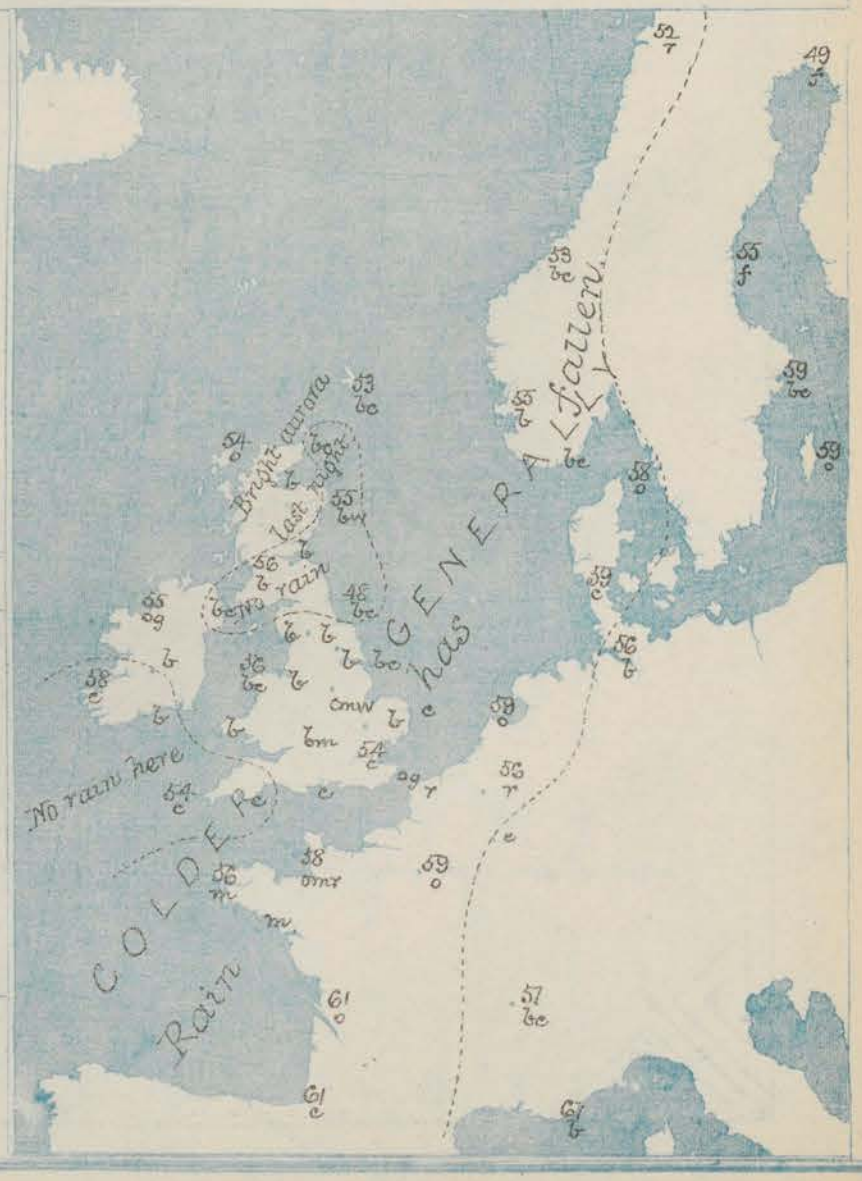
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp °	Rain-fall ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	6.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 6. Sept.r 1882 at 8 a.m.

The depressions which lay over our Islands and their neighbourhood yesterday have all passed away to the E.ward, and the E.n portion of a rather large anticyclone has begun to advance over the United Kingdom from the W.ward. Readings now vary from 30.4 ins. at Valencia to 29.7 ins. in the NW. of Norway, and to 30.0 ins. in the S. of France. Temperature has decreased decidedly, and the thermometer readings now vary from 49° at Leith to 55° on our S.n coasts and to 58° at Valencia. The wind is light to moderate on all our coasts — NW.ly to W. in the N.n, and NE.ly in the S.n parts of the Kingdom. The rain reported yesterday has ceased everywhere, and the sky has cleared in most places; but in the S. there is still a good deal of the cloud canopy which has not yet dispersed. The Sea is moderate both at our S.n and our extreme N.n stations, slight or smooth elsewhere.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

7TH SEPT:

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW.ly breezes, fresh to moderate; fair on the whole.	6 SCOTLAND WEST	NW.ly to W.ly breezes, moderate; fair generally.
2 SCOTLAND EAST	NW.ly breezes, light; fair on the whole.	7 ENGLAND N.W.	- - - - D° - - - - D° - - - - D° - - -
2 ENGLAND N.E.	- - - - D° - - - - D° - - - - D° - - -	8 ENGLAND S.W.	Same as N° 5.
3 ENGLAND EAST	N.ly and NW.ly breezes, light; fine.	9 IRELAND NORTH	Same as N.os 1 and 2.
4 MIDLAND COUNTIES	- - - - D° - - - - D° - - - - D° - - -	10 IRELAND SOUTH	NE.ly to N.ly breezes, light; fine
5 ENGLAND SOUTH	NE.ly to NW.ly breezes, light; fine generally.	WARNINGS	None issued.

Heath Dangerfield, 21 Bedford St. Covent Garden, London

METEOROLOGICAL OBSERVATIONS FOR 6th Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·95	49	Z	0	bc	29·92	–·07	49	48	+ 3	Z	0	f	*	59	41	–
Hernösand	29·90	51	Z	0	0	29·83	–·12	55	54	+ 3	S	2	f	*	63	48	–
Stockholm ...	29·99	59	SW	2	0	29·98	+·07	59	56	0	WSW	2	bc	*	64	55	–
Wisby	29·96	60	Z	0	0	30·00	+·12	59	57	0	SW	2	0	*	63	57	–
Bodö	29·72	54	Z	0	c	29·69	–·15	52	51	+ 1	Z	0	r	0	63	50	0·04
Christiansund ...	29·76	54	WSW	5	c	29·75	–·03	53	49	+ 1	WSW	5	bc	3	57	46	0·08
‡Skudesnaes ...	29·90	54	SSW	2	r	30·02	+·08	55	51	– 1	WNW	4	b	4	?	54	–
Oxö (Xuansund)	30·00	54	SSW	4	r	29·99	+·02	55	51	– 1	WSW	4	bc	3	59	54	0·04
Skagen (The Skaw)	30·00	58	WSW	4	0	29·95	–·01	58	57	0	WSW	3	0	1	63	54	0·16
Fanö ...	30·07	59	SSW	5	c	30·05	–·05	59	59	0	WNW	2	c	*	63	57	0·32
Cuxhaven ...	30·19	?	Z	0	b	30·11	–·02	56	55	– 5	S	1	b	*	61	50	–
‡Sumburgh Head	29·98	54	WSW	3	bc	29·98	+·30	53	48	– 1	WSW	5	bc	5	58	47	0·06
‡Stornoway ...	29·93	52	W	6	b	30·18	+·35	54	51	0	WNW	5	0	4	56	47	0·18
Wick	29·93	52	NW	4	bc	30·14	+·32	55	51	0	NW	5	bc	3	56	46	–
Nairn	29·96	53	W	3	c	30·18	+·34	52	50	– 3	WSW	2	b	2	61	46	0·03
‡Aberdeen ...	29·96	58	W	2	b	30·20	+·37	55	49	– 3	SSW	1	bw	1	63	41	–
Leith	30·03	58	W	3	bc	30·24	+·26	49	47	– 7	WSW	2	b	*	66	46	–
‡Shields	30·03	60	WNW	2	c	30·23	+·25	48	44	– 10	NW	2	bc	2	66	46	–
Spurn Head ...	30·06	59	SW	3	c	30·20	+·11	52	51	0	NNW	3	bc	2	59	48	0·12
York	30·06	61	W	2	bc	30·25	+·16	50	47	– 1	N	2	b	*	65	41	0·06
Loughborough ...	30·10	59	W	1	0	30·26	+·11	51	48	– 2	NNW	1	bw	*	59	43	0·03
‡Ardrossan ...	30·06	57	W	3	bc	30·27	+·30	56	54	0	WSW	1	b	1	62	48	–
‡Mullaghmore ...	30·18	56	WNW	5	c	30·35	+·29	55	51	– 1	NW	5	og	4	60	54	0·05
Donaghadee ...	30·16	55	WSW	2	bc	30·32	+·30	54	52	– 6	WNW	1	bc	0	63	45	–
Parsonstown ...	30·24	58	NNW	1	c	30·39	+·28	47	46	– 12	Z	0	b	*	62	40	0·03
Barrow-in-Furness	30·11	56	NW	3	bc	30·25	+·22	51	49	– 7	N	2	b	2	60	49	0·03
‡Holyhead ...	30·16	58	NW	3	c	30·31	+·23	56	52	– 3	NNW	4	bc	3	62	54	0·02
Liverpool (Bidston)	30·12	54	NW	2	0	30·28	+·21	53	50	– 5	N	1	b	2	60	52	0·05
‡Valencia	30·28	57	NNW	3	bc	30·40	+·23	58	53	+ 2	N	1	c	1	62	48	–
Roche's Point ...	30·33	59	NNW	2	b	30·37	+·23	52	50	– 7	NNW	1	b	3	62	46	–
Pembroke ...	30·15	58	N	3	c	30·29	+·14	56	53	– 2	N	3	b	2	59	50	0·31
‡Scilly	30·18	59	WNW	5	f	30·28	+·06	58	54	– 1	NNE	5	c	4	63	56	–
Prawle Point ...	30·18	58	SW	4	f	30·26	·00	54	53	0	NNW	3	c	3	58	50	–
Hurst Castle ...	30·17	59	W	3	r	30·22	–·02	55	52	– 1	NE	3	c	4	65	54	0·10
‡Dover	30·17	59	WSW	4	c	30·16	–·06	57	55	– 5	NNE	3	og	2	63	56	0·34
‡London	30·15	58	SW	2	o r	30·21	–·01	54	49	– 4	NE	2	c	*	64	50	0·40
Oxford	30·14	58	SSW	1	0	30·25	+·04	53	50	0	N	1	bm	*	60	50	0·30
Cambridge ...	30·13	57	SW	1	r	30·24	+·06	52	49	– 4	N	1	b	*	60	46	–
‡Yarmouth ...	30·12	56	WSW	2	omd	30·17	–·01	56	53	– 2	N	2	c	3	63	52	0·10
The Helder ...	30·12	61	SW	3	0	30·10	–·09	59	59	0	N	1	0	1	66	59	0·20
Cape Gris Nez	30·19	59	SW	4	0	30·14	–·11	59	59	+ 3	NE	7	r	4	64	55	0·28
‡Jersey	30·24	59	W	3	0	30·18	–·13	58	58	+ 2	NE	4	omr	3	61	55	0·06
Brest	30·24	59	WNW	3	0	30·23	–·06	56	56	0	N	4	m	3	61	55	0·04
Lorient	?30·20	59	NW	5	0	?30·15	–·13	59	58	+ 7	N	4	m	2	61	48	0·08
‡Rochefort ...	30·18	65	NNW	7	b	30·15	–·06	61	59	+ 2	NNW	1	0	1	72	54	–
Biarritz	30·17	65	N	4	bc	30·23	–·02	61	57	– 2	SE	3	c	2	72	55	0·16
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·15	–·10	56	56	– 2	SW	1	r	*	67	55	0·20
Charleville ...	?30·17	64	WNW	1	b	?30·15	–·06	54	52	– 3	WNW	1	c	*	73	49	–
Paris	30·21	66	WNW	1	b	30·18	–·09	59	58	– 1	Z	0	0	*	*	*	0·04
Lyons ...	30·17	66	N	1	bc	30·19	·00	57	54	– 4	NNW	1	bc	*	72	54	–
Toulon	30·02	74	W	4	b	30·02	–·05	67	66	– 2	Z	0	b	1	79	64	–
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·86	53	NW	2	bc	29·04	+·22	47	46	– 4	N	2	b	*	60	42	0·04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·92	55	54	S	6	0	5
Sumburgh Head	29·79	57	52	WSW	4	b	4
Stornoway ...	29·88	56	51	WSW	6	bc	4
Aberdeen ...	29·92	59	56	ESE	2	c	1
Shields	29·99	63	60	W	2	c	2
Ardrossan ...	30·05	59	56	NW	3	bc	2
Mullaghmore ...	30·15	57	52	WNW	6	o gm	5
Holyhead	30·12	60	57	NNW	3	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·25	62	57	NNW	3	cm	4
Scilly	30·20	61	61	WSW	4	f	4
Dover	30·19	63	59	WSW	4	b	2
London ...	30·17	60	55	SW	3	0	*
Yarmouth ...	30·14	59	57	WSW	2	dm	2
Jersey	?	59	56	W	3	0	3
Rochefort ...	30·22	70	64	NNW	4	b	2

	Max.	Min.	Rain.
Ben Nevis (4406 ft) 9 a.m. on 5th	44	32	0·56

The depressions noticed this morning both on our Islands and their neighbourhood appear to be passing E.ward, and, except on our extreme S.E. coast, the weather is cloudy, dull, and has been rainy.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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DAILY WEATHER REPORT

FOR

THURSDAY 7TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

Fred. Campbell Lith. 2 Finsbury St. Lowndes Square

WEATHER CHARTS

for 8 a.m. on Thursday, 7th September 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus — forces above 10; forces 8 to 10; forces 5 to 7; forces 1 to 4; ⊙ = dead calm.

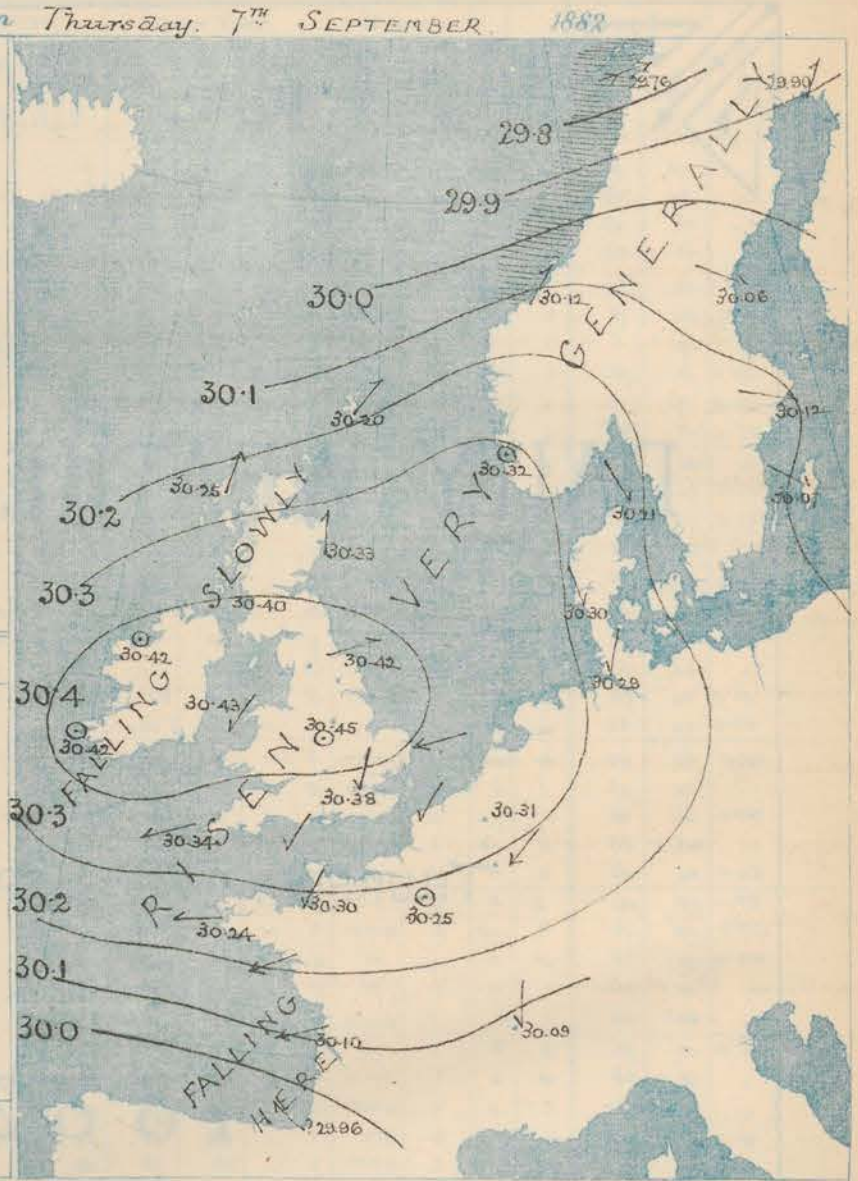
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings
	Ins.
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greencastle	29.818
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

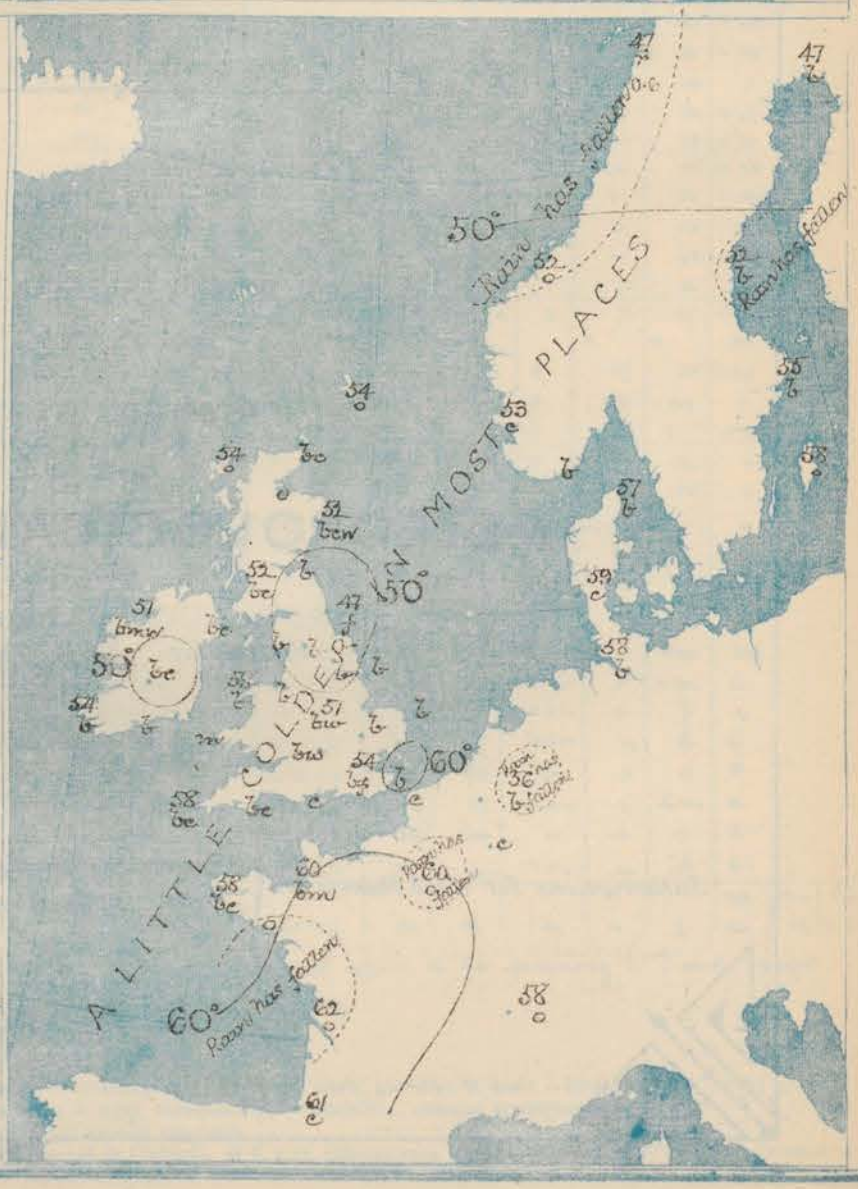
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of September.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Thorst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 7th SEPTEMBER 1882 at 8 a.m.

A further and considerable rise of the barometer has taken place over nearly the whole of our Islands since yesterday, and an anticyclone is now lying completely over Ireland and Englands. Gradients prevail for SW. winds in Scotland, and for NE. winds over the Channel and N. of France. The winds reported are in accordance with this distribution of pressure,—being moderate to fresh from NE. at the S. stations, and light to fresh from SW. in the N., while calms and variable airs are reported in Ireland, and the more N. of the English stations. Temperature has again decreased a little in most places, and has been as low as 38° at York, 39° at Parsonstown and 41° at Loughborough during the night. The present readings range from 46° at York and Parsonstown to 55° at Wick, 58° at Scilly, and 60° at Jersey. The weather continues dry generally, and in many places the sky is free from clouds, the air, however, is somewhat foggy or hazy locally, and heavy dews are reported. In the extreme N. and also in the W. of France the sky is overcast. The sea is moderate, both in the Channel, and at our extreme N. stations, smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon on the 8th SEPT.

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW. winds, fresh to strong; dull, showery.	6 SCOTLAND WEST	SW. breezes, moderate to fresh; dull, showery.
2 SCOTLAND EAST	W. and SW. breezes, light to moderate; fine to cloudy.	7 ENGLAND N.W.	Same as Nos. 1 and 2.
2 ENGLAND N.E.	- - - - D° - - - - D° - - - - D° - -	8 ENGLAND S.W.	Same as No. 5.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Wind becoming S.; fine and warm at first, then freshening, with showers in the W.
4 MIDLAND COUNTIES	Variable light breezes, finally S.; fair generally.	10 IRELAND SOUTH	- - - - D° - - - - D° - - - - D° - -
5 ENGLAND SOUTH	NE. to E. breezes, fresh; gusty, fair generally.	WARNINGS	None issued.

Frank Dangerfield, 2, Bedford Court Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 7th Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·82	54	S	2	o	29·90	-·02	47	41	- 2	SW	4	b	*	57	37	-
Hernösand	29·94	50	Z	o	c	30·06	+·13	52	47	- 3	NW	2	b	*	61	48	0·08
Stockholm ..	29·96	58	WSW	2	bc	30·12	+·14	55	52	- 4	WNW	2	o	*	61	50	-
Wisby	29·97	60	SSW	2	o	30·07	-·07	51	55	- 1	NW	4	o	*	66	57	-
Bodö	29·65	47	SW	4	r	29·76	-·07	47	46	- 5	WSW	8	r	6	54	45	0·59
Christiansund...	29·97	50	WSW	9	r	30·12	+·37	52	46	- 1	SW	4	o	6	?	46	0·16
‡Skudesnaes ...	30·22	54	NW	4	c	30·32	+·30	53	50	- 2	Z	0	c	2	59	?	-
Oxö (Xtiansund) ...	30·14	56	W	4	b	30·24	+·25	62	51	+ 1	WNW	4	b	2	63	48	-
Skagen (The Skaw)	30·09	59	WNW	4	b	30·21	+·26	51	52	- 1	NNW	3	b	2	73	55	-
Fanö	30·14	53	NW	3	b	30·30	+·25	59	55	0	NNW	4	c	*	61	48	-
Cuxhaven ..	30·14	64	NE	6	o	30·29	+·18	58	56	+ 2	NNE	4	b	*	64	54	-
‡Sumburgh Head	30·16	53	WSW	4	c	30·20	+·22	54	52	+ 1	SW	4	o	4	56	49	-
‡Stornoway .	30·30	55	WSW	4	o	30·25	+·07	54	51	0	SSW	5	o	4	58	52	-
Wick	30·29	52	N	2	bc	30·29	+·15	55	52	0	SW	2	bc	1	60	45	-
Nairn ...	30·31	56	WNW	1	b	30·32	+·14	53	50	+ 1	WSW	3	o	2	61	47	-
‡Aberdeen ..	30·32	59	Z	0	b	30·33	+·13	52	49	- 3	S	2	bcw	1	64	40	-
Leith	30·32	65	W	2	b	30·39	+·15	47	45	- 2	W	1	b	*	69	42	-
‡Shields	30·35	55	E	1	b	30·42	+·19	47	45	- 1	WSW	1	f	2	60	41	-
Spurn Head	30·32	56	NNE	4	b	30·42	+·22	57	54	+ 5	NE	2	b	2	59	51	-
York	30·34	57	ENE	2	b	30·45	+·20	46	45	- 4	N	1	b	*	66	38	-
Loughborough	30·33	57	ENE	1	b	30·45	+·19	49	48	- 2	Z	0	bmw	*	66	41	-
‡Ardrossan .	30·37	59	NW	1	bc	30·40	+·13	52	50	- 4	ESE	2	bc	1	62	48	-
‡Mullaghmore ..	30·40	57	NW	4		30·42	+·07	51	49	- 4	Z	0	mw	o	60	45	-
Donaghadee ...	30·40	57	N	4	bc	30·43	+·11	54	52	0	SSW	1	bc	o	61	41	-
Parsonstown ...	30·41	61	NNW	1	c	30·45	+·06	46	45	- 1	Z	0	bc	*	62	39	-
Barrow-in-Furness	30·31	59	NW	2	b	30·42	+·17	50	48	- 1	NE	2	b	2	64	46	-
‡Holyhead ...	30·37	57	N	4	b	30·43	+·12	58	56	+ 2	NE	1	b	1	59	53	-
Liverpool (Bidston)	30·35	57	NW	2	b	30·45	+·17	51	250	- 2	SE	1	b	2	60	45	-
‡Valencia	30·43	58	N	2	bq	30·42	+·02	54	51	- 4	Z	0	b	1	62	43	-
Roche's Point .	30·41	58	SSE	2	bq	30·41	+·04	53	51	+ 1	N	2	b	2	63	47	-
Pembroke ...	30·35	55	N	3	b	30·41	+·12	53	50	- 3	NE	2	m	1	59	48	-
‡Scilly	30·31	58	NNE	6	bc	30·34	+·06	58	55	0	ENE	5	bc	4	60	54	-
Prawle Point ...	30·30	56	N	3	b	30·36	+·10	53	52	- 1	NNE	5	bc	4	62	46	-
Hurst Castle ..	30·30	60	NE	3	b	30·36	+·14	53	51	+ 2	NE	4	c	3	63	48	-
‡Dover ...	30·23	59	NE	4	b	30·34	+·18	61	56	+ 4	E	5	b	4	61	56	-
‡London	30·27	60	N	3	bc	30·38	+·17	54	54	0	NNE	2	bf	*	64	49	-
Oxford	30·35	55	NE	1	c	30·42	+·17	51	50	- 2	NE	1	bw	*	63	42	-
Cambridge ..	30·28	58	NE	2	b	30·41	+·17	52	51	0	N	1	b	*	64	40	-
‡Yarmouth ..	30·37	59	NE	6	c	30·38	+·21	59	54	+ 3	ENE	5	b	4	63	55	-
The Helder ..																	
Cape Gris Nez	30·24	58	NE	5	b	30·33	+·19	56	54	- 3	NE	4	c	3	61	55	-
‡Jersey	30·25	59	NE	4	c	30·30	+·12	60	57	+ 2	NE	3	bm	3	60	55	-
Brest	30·29	58	NE	5	b	30·24	+·01	58	56	+ 2	E	5	bc	2	63	52	-
Lorient	?30·30	59	ENE	5	o	? 30·17	+·02	57	54	- 2	ENE	5	o	2	61	54	0·08
‡Rochefort ...	30·10	65	NE	5	bc	30·10	+·05	62	61	+ 1	ENE	5	o	2	68	57	0·24
Biarritz ...	30·21	66	NW	4	c	? 29·96	-·27	61	57	0	SE	1	c	1	70	55	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·31	+·16	56	53	0	NNE	3	b	*	61	53	0·04
Charleville ...	30·15	62	N	3	o	? 30·22	+·07	58	55	+ 4	NE	7	c	*	68	?	-
Paris	30·17	63	NW	1	c	30·25	+·07	60	58	+ 1	NNW	1	o	*	*	*	0·04
Lyons	30·09	65	N	1	o	30·09	-·10	58	56	+ 1	N	3	o	*	68	56	-
Toulon																	
HIGH LEVEL STATION — Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29·12	52	Z	0	c	29·19	+·15	?44	?39	- 3	Z	0	b	*	60	38	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes .	30·15	59	53	WNW	4	c	4
Sumburgh Head	30·10	55	50	WSW	5	bc	5
Stornoway ...	30·27	58	53	W	5	bc	4
Aberdeen ...	30·29	61	55	NNW	2	bc	1
Shields	30·30	57	52	E	1	b	2
Ardrossan ..	30·34	62	59	WSW	2	bc	2
Mullaghmore ..	30·41	59	57	NW	4	bcm	4
Holyhead... ...	30·37	57	53	N	4	bc	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·43	61	55	NNW	2	bc	3
Scilly	30·31	60	55	NE	5	bc	4
Dover	30·21	60	56	NE	4	c	2
London ...	30·25	62	54	N	3	bc	*
Yarmouth ...	30·22	62	57	NNE	3	b	3
Jersey... ...	30·23	59	55	NNE	4	o	3
Rochefort ...							
Ben Nevis (4406 ft.) 9 am on 6th.	25·69	35	35	c	2	f	

Max.	Min.	Rain.
37	32	0·24

Pressure continues to increase generally, the winds remain moderate, and the weather is fine generally.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY 8TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/- per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield, lith. 26 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on FRIDAY, 8TH SEPTEMBER, 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,— ⟶ = forces above 10; ⟶ = forces 8 to 10; ⟶ = forces 5 to 7; ⟶ = forces 1 to 4. ⊙ = dead calm.

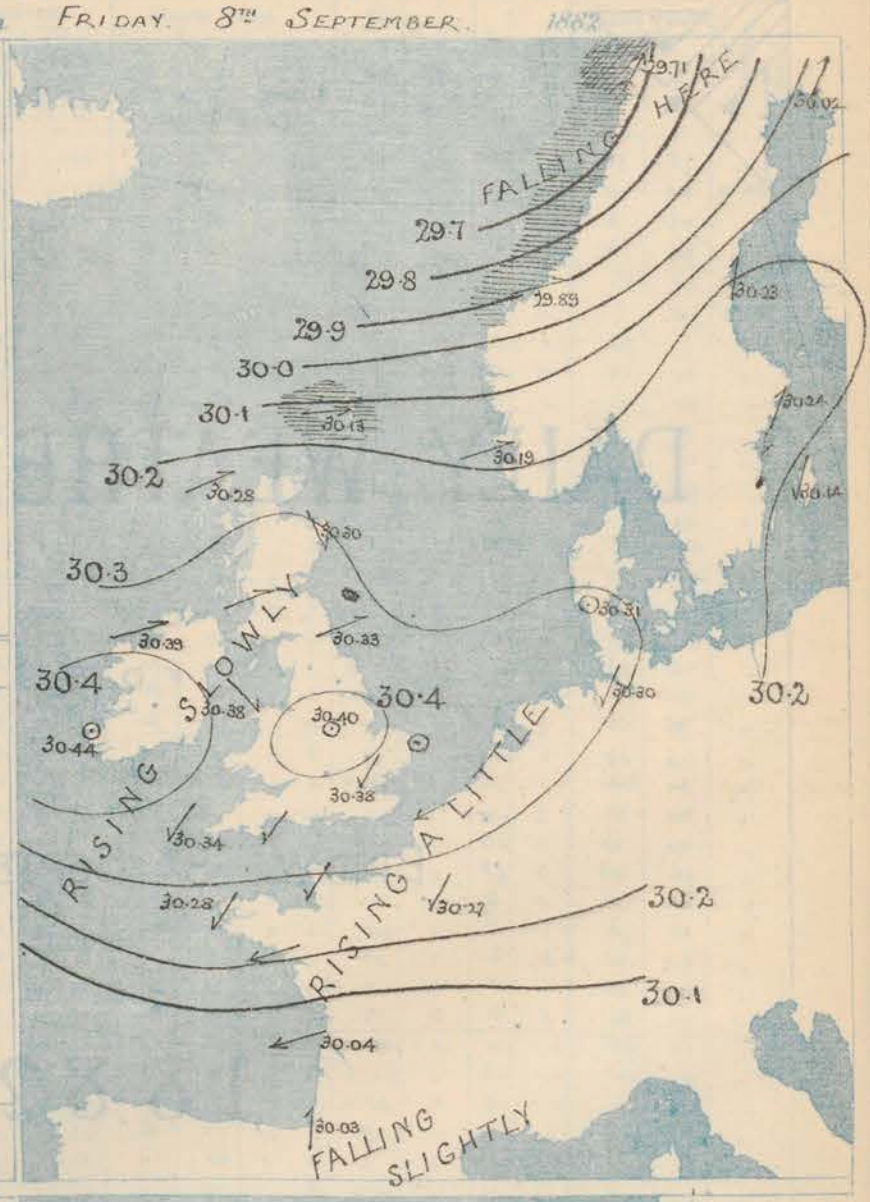
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▒ = Rough; ▒ = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greencastle	29.818
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.875
Plymouth	29.835
LONDON	29.937
Yarmouth	29.918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

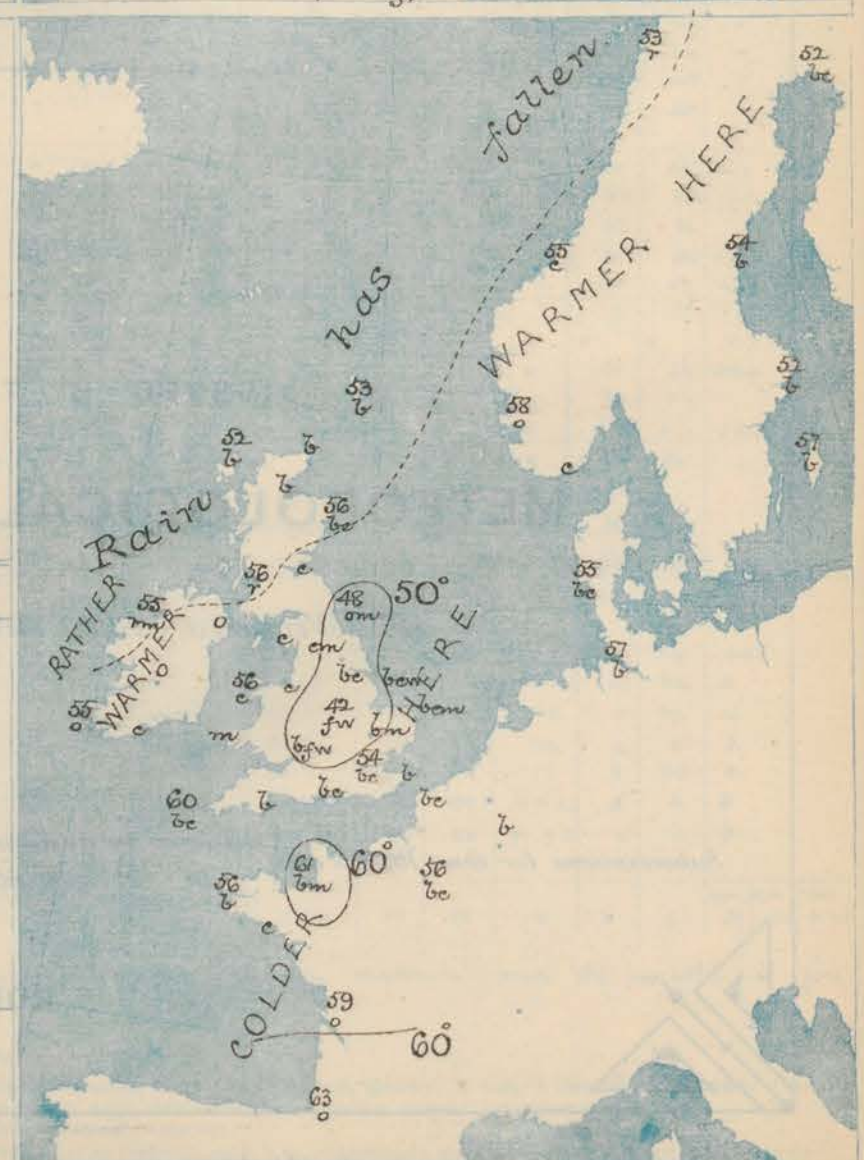
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL,

for the month of September

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Thorst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Friday 8th SEPTEMBER 1882 at 8 a.m.

The anticyclone noticed yesterday still lies over our Islands and the S^n parts of the North Sea; barometric readings vary from 30·44 ins: at Parsonstown and 30·38 ins at York, to 29·89 ins: at Christiansund and to 30·04 ins: at Rochefort. Temperature has again decreased over England, but the night minima were not so low as on the previous night. The present readings range from 42° at Loughborough to 56° at Aberdeen and to 60° at Scilly. W^ly winds now prevail over all the N^n parts of the Kingdom, and, though light in force at most stations, blow freshly at Spurnburgh Head. Over our S^n stations, however, the wind is E^ly, and is moderate in force. Rain has fallen over the N^n half of Scotland, and also in the NW of Ireland, but in all other parts of the Kingdom the weather remains fine and dry. The sea is smooth on all our coasts.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

9th SEPT^r

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W^ly and SW^ly winds, moderate to strong; fair to showery.	6 SCOTLAND WEST	W^ly to NW^ly breezes, moderate; rain to fair.
2 SCOTLAND EAST	W^ly breezes; weather changeable; some rain.	7 ENGLAND N.W.	---- D° ---- D° ---- D° ----
2 ENGLAND N E	---- D° ---- D° ---- D ----	8 ENGLAND S.W.	Same as N° 5.
3 ENGLAND EAST	Variable light breezes; fine generally.	9 IRELAND NORTH	Same as N°s 6 and 7.
4 MIDLAND COUNTIES	---- D° ---- D° ---- D° ----	10 IRELAND SOUTH	N^ly and NE^ly breezes, moderate, fair.
5 ENGLAND SOUTH	E^ly and NE^ly breezes, moderate or light; fine.	WARNINGS	None issued.

Fredk Dangerfield & Son Printers Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 8th Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 5).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·00	49	SW	2	b	30·02	+·12	52	47	+ 5	SW	4	bc	*	61	43	-
Hernösand	30·27	53	SW	2	b	30·22	+·17	54	50	+ 2	SSW	2	b	*	68	43	-
Stockholm ...	30·27	55	ENE	2	b	30·24	+·12	52	51	- 3	SW	1	b	*	64	52	-
Wisby	30·14	54	NNE	2	b	30·14	+·07	57	55	- 1	NE	2	b	*	63	54	-
Bodö	29·86	53	SW	8	r	29·71	-·05	53	51	+ 6	SW	8	r	8	54	45	0·32
Christiansund ...	30·06	55	SW	3	o	29·89	-·23	55	52	+ 3	WSW	3	c	5	55	50	-
‡Skudesnaes	30·30	57	SSE	2	bc	30·19	-·13	58	55	+ 5	WSW	4	o	4	59	?	-
Christiansand (Christiansund) ...	30·26	58	SW	2	b	30·22	-·02	54	51	- 8	WSW	2	c	1	?	48	-
Skagen (The Skaw)																	
Fanö	30·33	50	NNW	1	b	30·31	+·01	55	54	- 4	Z	0	bc	*	63	50	-
Cuxhaven ...	30·33	?	N	3	b	30·30	+·01	57	55	- 1	NE	2	b	*	61	54	-
‡Sumburgh Head	30·12	54	WSW	4	o	30·13	-·07	53	48	- 1	W	5	b	5	57	51	0·06
‡Stornoway ...	30·13	55	SSW	7	o q	30·28	+·03	52	49	- 2	WSW	4	b	3	56	43	0·06
Wick	30·16	57	SW	2	c	30·27	-·02	53	50	- 2	NW	3	b	2	59	45	0·03
Nairn ...	30·22	56	W	1	b	30·31	-·01	51	49	- 2	Z	0	b	1	61	48	0·02
‡Aberdeen ...	30·22	60	SSW	3	bc	30·30	-·03	56	51	+ 4	NNW	4	bc	1	65	49	0·01
Leith	30·29	59	W	5	b	30·31	-·08	54	52	+ 7	W	1	c	*	63	45	-
‡Shields	30·34	61	WSW	1	o	30·33	-·09	48	47	+ 1	WSW	1	om	2	65	42	-
Spurn Head ...	30·38	57	NNE	3	b	30·36	-·06	54	52	- 3	W	2	bcm	2	60	51	-
York	30·33	60	S	1	b	30·38	-·07	48	47	+ 2	W	1	bc	*	68	41	-
Loughborough	30·38	60	Z	0	b	30·40	-·05	42	42	- 7	Z	0	fw	*	70	39	-
‡Ardrossan ...	30·33	59	SSW	2	b	30·35	-·05	56	55	+ 4	WSW	2	r	2	59	50	-
‡Mullaghmore ...	30·33	59	WSW	3	bc	30·39	-·03	55	54	+ 4	?WSW	4	rm	2	63	50	0·05
Donaghadee ...	30·36	55	SSW	2	c	30·37	-·06	55	54	+ 1	W	3	o	-	63	49	-
Parsonstown ...	30·37	62	SW	1	b	30·44	-·01	53	52	+ 7	Z	0	o	*	65	45	-
Barrow-in-Furness	30·35	61	NW	1	b	30·36	-·06	52	51	+ 2	NE	1	c	2	63	49	-
‡Holyhead ...	30·38	58	N	1	b	30·38	-·05	56	53	- 2	NW	3	c	2	60	49	-
Liverpool (Birston)	30·37	57	S	1	b	30·40	-·05	54	52	+ 3	SW	1	c	1	65	49	-
‡Valencia ...	30·39	58	WSW	2	b m	30·44	+·02	55	54	+ 1	Z	0	o	1	63	49	-
Roche's Point ...	30·39	58	SSE	1	b	30·43	+·02	55	53	+ 2	NNW	2	c	3	63	50	-
Pembroke ...	30·36	66	NW	1	m	30·39	-·02	55	53	+ 2	Z	0	m	1	63	50	-
‡Scilly	30·32	59	ENE	4	o	30·34	·00	60	58	+ 2	NE	4	bc	2	61	56	-
Prawle Point ...	30·34	59	NE	3	b	30·36	·00	58	54	+ 5	NE	4	b	3	63	47	-
Hurst Castle ...	30·32	62	ENE	2	b	30·36	·00	54	52	+ 1	ENE	2	bc	2	?66	47	-
‡Dover	30·32	60	ENE	4	b	30·34	·00	60	56	- 1	E	4	b	3	63	57	-
‡London	30·36	59	ENE	2	b	30·38	·00	54	50	0	NE	1	bf	*	67	46	-
Oxford	30·37	54	ENE	2	b	30·40	-·02	49	48	- 2	Z	0	bfw	*	67	42	-
Cambridge ...	30·37	58	E	1	b	30·40	-·01	48	47	- 4	N	1	bm	*	66	40	-
‡Yarmouth ...	30·37	59	ENE	3	b	30·37	-·01	55	52	- 4	Z	0	bcm	2	63	49	-
The Helder ...																	
Cape Gris Nez	30·32	60	NE	7	bc	30·34	+·01	55	54	- 1	ENE	5	bc	3	63	50	-
‡Jersey	30·28	60	NE	4	bm	30·30	·00	61	58	+ 1	NE	4	bm	4	65	56	-
Brest	30·23	62	E	4	m	30·28	+·04	56	55	- 2	NE	3	b	2	68	50	-
Lorient	?30·15	65	ENE	5	c	?30·17	·00	57	54	0	ENE	5	c	2	68	54	-
‡Rochefort ...	30·03	68	ENE	5	o	30·04	-·06	59	57	- 3	ENE	7	o	2	77	54	-
Biarritz	30·04	66	N	4	o	30·03	+·07	63	61	+ 2	S	3	o	3	72	57	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*									*			
Charleville ...	-	-	-	-	-	?30·24	+·02	52	44	- 6	ENE	7	b	*	73	50	-
Paris	30·21	63	NNE	4	o	30·27	+·02	56	54	- 4	NE	4	bc	*	*	*	-
Lyons														*			
Toulon																	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29·13	55	S	1	b	29·13	-·06	50	50	+ 6	WSW	2	cm	*	61	42	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·32	59	54	W	2	c	2
Sumburgh Head	30·13	55	52	SW	4	o	4
Stornoway ...	30·18	56	52	SSW	7	o q	5
Aberdeen ...	30·25	63	56	SSW	4	b	1
Shields	30·36	64	56	S	1	m	2
Ardrossan ...	30·37	59	56	SW	2	bc	1
Mullaghmore ...	30·37	60	55	W	4	c	2
Holyhead	30·41	60	55	N	3	b	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·41	62	56	SW	3	bc	3
Scilly	30·32	60	56	ENE	4	bc	4
Dover	30·33	62	56	ENE	5	b	3
London ...	30·36	64	55	ENE	3	bc	*
Yarmouth ...	30·39	62	56	ENE	3	b	3
Jersey	30·28	63	58	ENE	4	bc	4
Rochefort ...	30·07	75	68	ENE	5	c	2
Ben Nevis (4406 ft) Sam. on 7th	25·78	36	36	SW	6	f	Max 41, Min 33, Rain -

The barometer is now falling at all stations, most in the N, in which region the wind is increasing from SSW. with dull, squally weather. In the S. the wind is moderate to fresh from ENE. and the weather, though cloudy at times, is dry.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY 9TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/- per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Hongerfield Lith. 12 Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on SATURDAY, 9TH SEPTEMBER, 1882

BAROMETER, WIND & SEA

Explanation of Map.

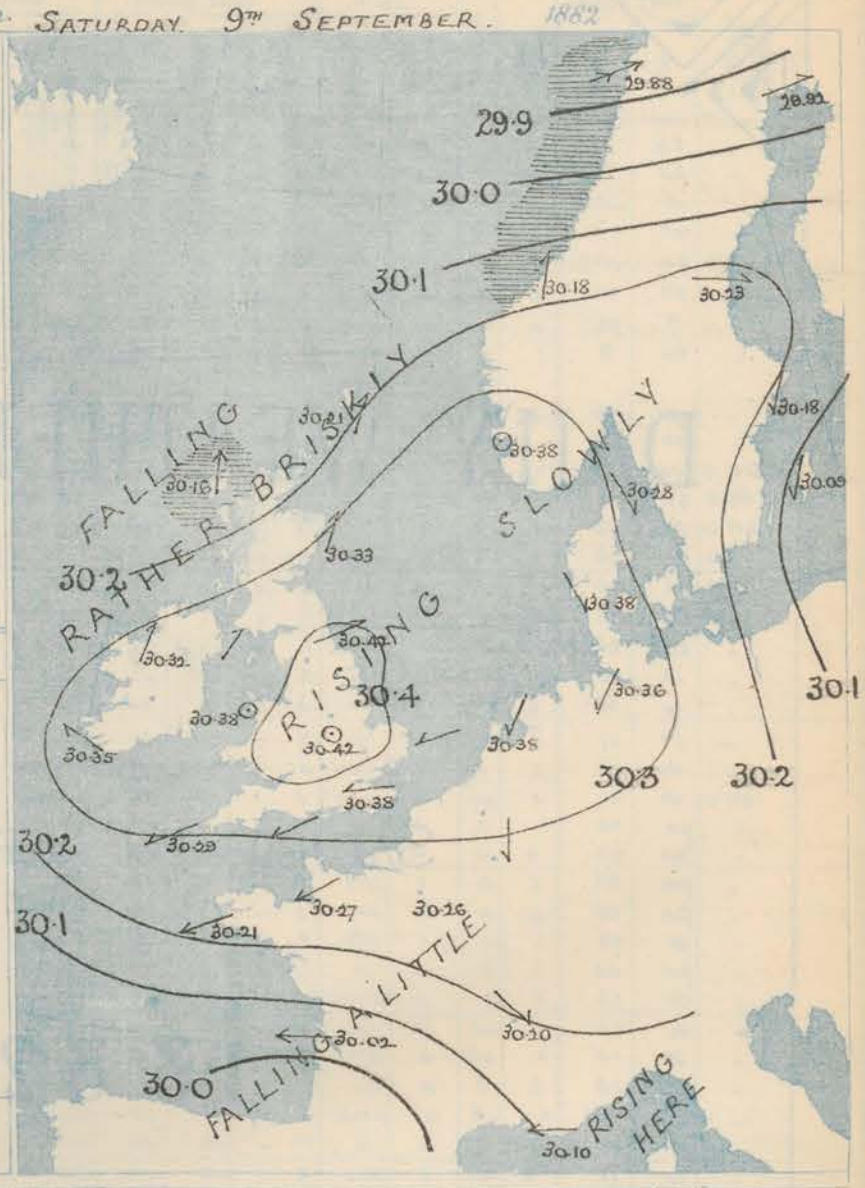
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
→ = forces above 10; → = forces 8 to 10; → = forces 5 to 7; → = forces 1 to 4; ⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 916

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

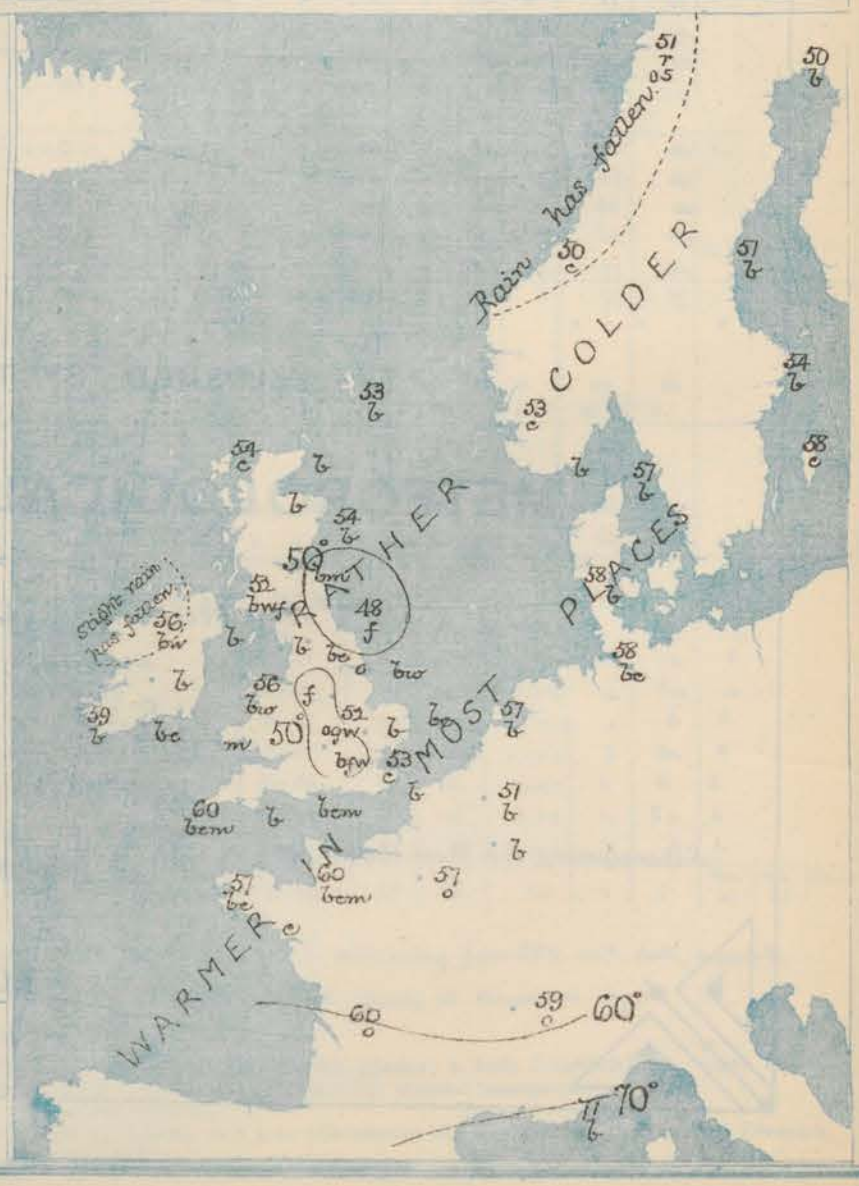
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp	Rain-fall
	°	ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday. 9th September 1882 at 8 a.m.

The anticyclone noticed yesterday still lies over our Islands and the North Sea, but a somewhat brisk fall of the barometer is in progress over our NW^n. and N^n districts, owing, apparently to the advance of a well marked depression in a NE^ly direction outside our extreme NW^n coasts. The wind at the N^n stations has consequently backed to the S^ward; and, though moderate generally, has increased to a slight gale at Stornoway. At our S^n stations and over France, however, the wind is still from ENE, while calms and variable airs are felt over the greater part of England - i.e. in the region which separates these SW^ly and NE^ly currents. Temperature has risen a few degrees over Central England, and now ranges from 47° at Oxford to 54° in the N. of Scotland and to 60° at Scilly and Jersey. Fine, dry weather still prevails over our Islands generally, but a good deal of rain has fallen over the N^n half of Norway. The sea is moderate in the W^n part of the Channel, smooth or nearly so elsewhere - except at Stornoway where it is rough.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

10th Sept^r

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SW^ly winds, strong and squally, to moderate and fair.	6 SCOTLAND WEST	SW^ly breezes, freshening; some showers.
1 SCOTLAND EAST	SW^ly breezes, moderate and fresh; fair generally.	7 ENGLAND N.W.	SE^ly and S^ly breezes, moderate; fair.
2 ENGLAND N.E.	SW^ly breezes, light; fine.	8. ENGLAND S.W.	Same as N° 5.
3 ENGLAND EAST	Very light breezes, chiefly E^ly, with fair weather.	9 IRELAND NORTH	Same as N° 6.
4 MIDLAND COUNTIES	. . . D° . . . D° . . . D° . . .	10 IRELAND SOUTH	Same as N° 7.
5 ENGLAND SOUTH	E^ly to NE^ly breezes, moderate; fair generally.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 9TH SEPTR 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.87	54	SW	2	o	29.92	-.10	50	43	- 2	W	4	b	*	57	46	-
Hernösand	29.99	53	NNW	3	o	30.23	.00	51	45	- 3	WNW	2	b	*	61	43	-
Stockholm	30.11	53	WSW	2	b	30.18	-.06	54	52	+ 2	NE	4	b	*	64	52	-
Wisby ...	30.05	57	NNE	3	b	30.09	-.05	58	55	+ 1	NNE	2	c	*	63	50	-
Bodö ...	29.77	51	SW	8	bc	29.88	+.19	51	44	- 2	W	8	r	6	54	41	0.47
Christiansund...	30.06	51	WSW	8	r	30.18	+.29	50	47	- 5	SSW	5	o	6	?	43	0.43
‡Skudesnaes ...	30.31	53	WNW	2	c	30.38	+.19	53	49	- 5	Zo	0	c	2	59	?	-
Orö (Xtiansund) ...	30.19	56	W	4	b	30.32	+.10	51	47	- 3	W	2	b	1	63	48	-
Skagen (The Skaw)	30.19	51	WNW	4	b	30.28		57	50		NNW	4	b	3	63	50	-
Fanö ...	30.32	57	W	2	c	30.38	+.07	58	54	+ 3	NNW	4	b	*	63	50	-
Cuxhaven ..	30.36	?	NNW	2	b	30.36	+.06	58	56	+ 1	NE	2	bc	*	59	54	-
‡Sumburgh Head	30.26	52	W	5	bc	30.21	+.08	53	50	0	SSW	4	b	4	57	47	-
‡Stornoway ...	30.49	54	WSW	3	b	30.16	-.12	54	52	+ 2	S	7	c	6	57	45	-
Wick	30.40	53	NW	3	bc	30.19	-.08	54	50	+ 1	SSW	4	b	3	60	43	-
Nairn ...	30.41	54	Zo	0	b	30.25	-.06	45	43	- 6	Zo	0	b	1	61	39	-
‡Aberdeen ...	30.40	58	S	1	b	30.33	+.03	54	52	- 2	SSW	3	b	1	64	40	-
Leith	30.39	58	E	1	b	30.38	+.07	?42	?42	- 12	NNW	1	bm	*	71	39	-
‡Shields	30.40	56	E	2	m	30.42	+.09	48	48	0	WSW	2	f	2	62	45	-
Spurn Head ..	30.37	58	ENE	2	bc	30.39	+.03	57	55	+ 3	ENE	3	bw	2	63	54	-
York	30.39	60	ENE	1	c	30.44	+.06	52	51	+ 4	W	1	o	*	68	46	-
Loughborough .	30.37	61	N	1	o	30.42	+.02	52	51	+ 10	NE	1	ogmw	*	70	42	-
‡Ardrossan ...	30.42	58	WNW	2	b	30.35	.00	52	51	- 4	ESE	2	bwf	2	63	48	-
‡Mullaghmore ..	30.44	60	N	1	b	30.32	-.07	56	54	+ 1	SSW	2	bw	2	63	54	0.01
Donaghadee ...	30.45	55	N	4	b	30.38	+.01	52	51	- 3	SW	2	b	0	61	40	-
Parsonstown ...	30.43	62	Zo	0	b	30.37	-.07	53	52	0	Zo	0	b	*	63	46	-
Barrow-in-Furness	30.39	59	NW	1	bc	30.40	+.04	54	52	+ 2	E	1	b	1	63	51	-
‡Holyhead ...	30.42	58	NNE	3	c	30.38	.00	56	55	0	SE	1	bw	0	60	49	-
Liverpool (Bidston)	30.41	58	WNW	1	bc	30.41	+.01	49	48	- 5	SE	1	f	1	61	47	-
‡Valencia	30.42	60	NW	1	b	30.35	-.09	59	56	+ 4	E	1	b	1	63	50	-
Roche's Point...	30.43	58	SSE	1	bc	30.36	-.07	56	53	+ 1	SE	1	bo	2	62	52	-
Pembroke ...	30.38	56	NNE	2	c	30.35	-.04	53	52	- 2	ENE	1	m	1	63	51	-
‡Scilly	30.34	60	NE	4	c	30.29	-.05	60	57	0	ENE	3	bcm	2	62	55	-
Prawle Point ...	30.35	58	NE	2	b	30.31	-.05	58	55	0	ENE	5	b	4	65	53	-
Hurst Castle ...	30.33	63	ENE	3	b	30.34	-.02	56	53	+ 2	ENE	2	bcm	2	63	47	-
‡Dover	30.34	60	ENE	4	b	30.35	+.01	60	55	0	ENE	5	b	3	63	56	-
‡London	30.37	60	ENE	2	b	30.38	.00	53	50	- 1	E	2	c	*	67	42	-
Oxford	30.39	54	ENE	1	c	30.40	.00	47	47	- 2	NE	1	bfw	*	66	44	-
Cambridge ..	30.36	62	NE	1	b	30.40	.00	50	49	+ 2	NE	1	b	*	67	40	-
‡Yarmouth ...	30.38	59	ENE	1	b	30.39	+.02	58	55	+ 3	ENE	1	bc	2	62	52	-
The Helder ...	30.39	57	NNE	1	b	30.38	+.02	57	54	0	NE	1	b	1	61	55	-
Cape Gris Nez																	
‡Jersey	30.31	60	NE	4	b	30.27	-.03	60	57	- 1	ENE	5	bcm	4	64	55	-
Brest	30.27	60	ENE	5	o	30.21	-.07	57	54	+ 1	ENE	5	bc	2	68	52	-
Lorient	30.16	64	NE	4	b	?30.12	-.05	57	54	0	ENE	5	c	2	68	54	-
‡Rochefort ...	30.02	70	ENE	8	o	30.02	-.02	60	59	+ 1	E	7	o	2	?	?	-
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.35	+.02	51	49	- 2	ENE	3	b	*	65	46	-
Charleville ...	?30.25	61	ENE	7	b	?30.27	+.03	51	49	- 1	N	3	b	*	72	49	-
Paris	30.23	66	N	5	b	30.26	-.01	57	54	+ 1	?	4	o	*	*	*	-
Lyons	30.04	66	N	1	c	30.20	+.06	59	58	+ 5	NW	1	o	*	71	?	0.08
Toulon	30.09	67	SE	4	c	30.10	+.06	71	64	+ 7	E	7	b	3	74	63	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.17	57	S	1	b	29.17	+.04	50	49	0	NE	2	bc	*	59	41	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.24	56	51	WNW	4	c	4
Sumburgh Head	30.21	56	51	WNW	5	bc	5
Stornoway ...	30.35	57	52	WSW	4	bc	3
Aberdeen ...	30.35	62	54	NNW	3	b	1
Shields	30.38	60	57	E	1	c	2
Ardrossan ...	30.40	62	50	W	2	b	1
Mullaghmore ...	30.43	62	57	W	1	b	3
Holyhead	30.43	59	56	NNW	2	c	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30.44	62	57	NNW	2	c	3
Scilly	30.35	62	59	ENE	4	bc	2
Dover	30.35	61	55	ENE	3	b	2
London ...	30.36	64	55	ENE	3	b	*
Yarmouth ...	30.38	61	56	ENE	2	b	2
Jersey	30.30	63	58	ENE	5	b	4
Rochefort ...	30.04	75	66	ENE	7	bc	2
Ben Nevis (4406 ft) 9 a.m. on 8th.	25.77	33	33	NW	4	bc	Max. 43 Min. 32 Rain 0.23

Very little change has occurred since the morning except on our NW. coasts, where the misty rain has given way to fine, bright weather.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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DAILY WEATHER REPORT

FOR

SUNDAY 10TH SEPTEMBER

1882

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ROBERT H. SCOTT

(SECRETARY.)

Fred^k Vangerfield Lith. 72 Cheapside & 27 Covent Garden

WEATHER CHARTS

for 8 a.m. on Sunday. 10th SEPTEMBER. 1882.

BAROMETER, WIND & SEA

Explanation of Map.

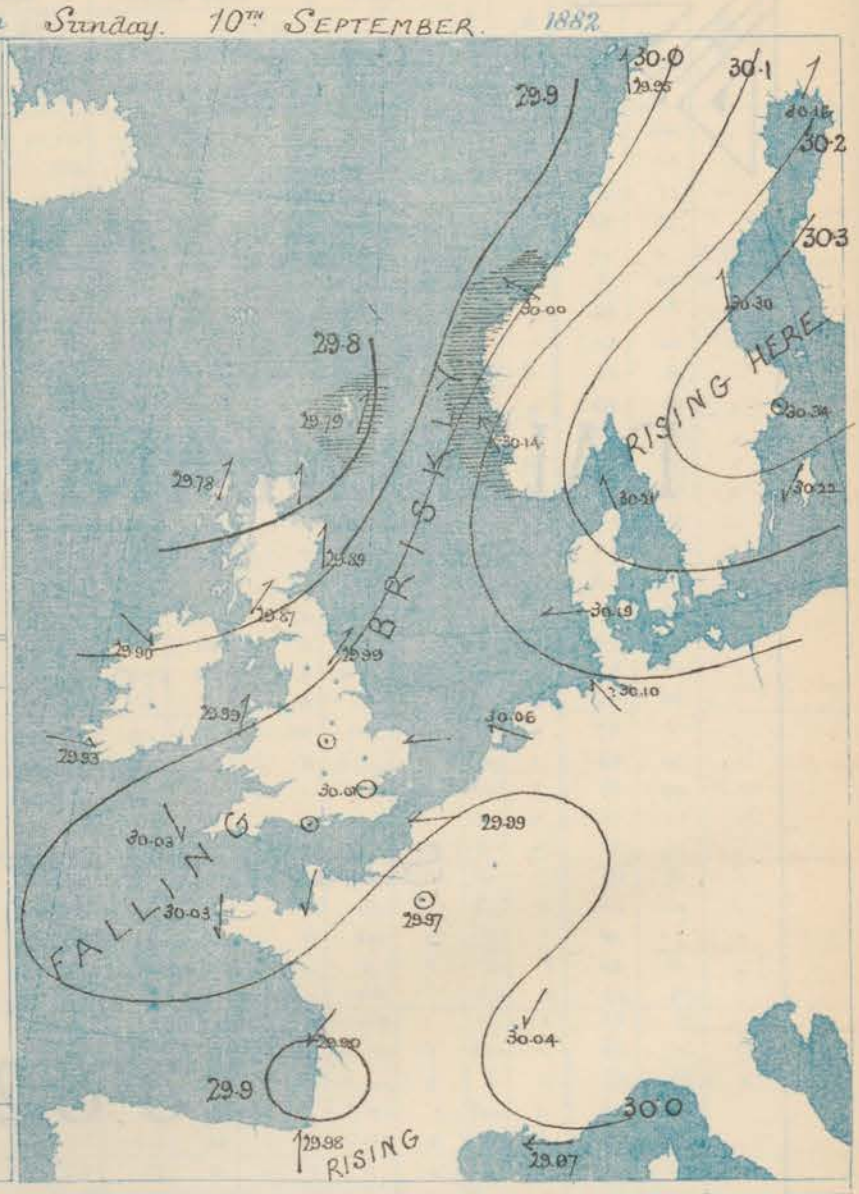
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4.
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 867
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 913

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

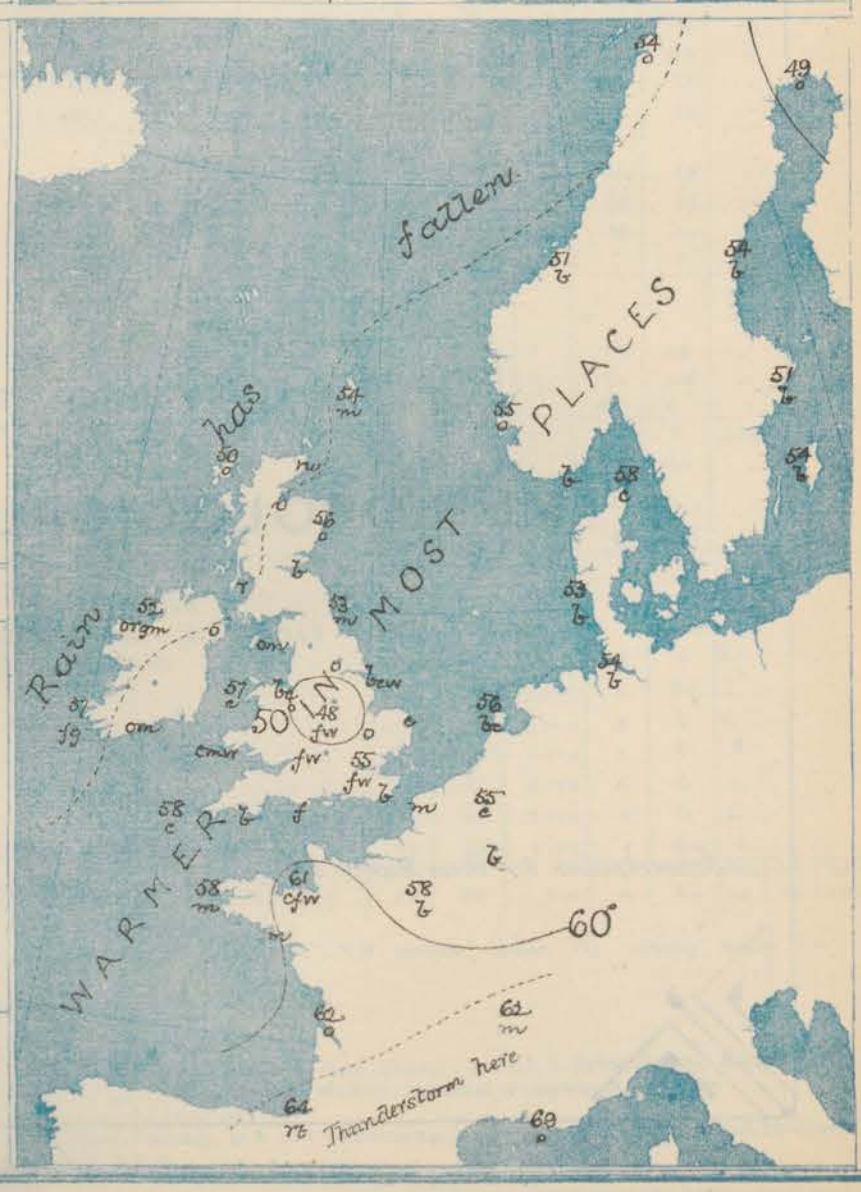
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 10. September 1882 at 8 a.m.

In the course of the past 24 hours the barometer has fallen rather briskly over the whole of our Islands. The anticyclone which lay over England yesterday has passed NE^wd to the Gulf of Bothnia, whence an arm of high pressure extends SW^wd across the North Sea and the S. of England. A well formed depression has appeared off our extreme N^n coasts, while some shallow subsidiary disturbances have been formed over France. Temperature has not changed much, but the tendency has been to increase in most places. S^ly winds have now spread over the whole of Ireland and Scotland, while in the N. of England the wind is veering towards S, but in the Channel and over our SE^n Counties it is still E^ly. The weather, though still dry, is gloomy and hazy at many of our S^n stations, foggy over the Midlands, dull and locally wet in the N. and NW. The sea is smooth except in the far N.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

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METEOROLOGICAL OBSERVATIONS FOR 10th Sept. 1882

STATIONS.	Yesterday Evening. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. to Day. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	Past 24 Hours. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·15	44	W	2	b	30·16	+·24	49	45	− 1	SW	2	0	*	57	43	-
Hernösand	?	?	W	0	b	30·30	+·07	54	?	+ 3	S	4	b	*	63	?	-
Stockholm	30·34	50	W	0	b	30·34	+·16	51	49	− 3	W	0	b	*	63	50	-
Wisby	30·22	53	NE	2	b	30·22	+·13	54	51	− 4	ENE	4	b	*	63	50	-
Bodö	30·01	48	S	2	r	29·95	+·07	54	49	+ 3	S	4	0	2	?	43	0·24
Christiansund	30·07	49	W	0	bc	30·00	−·18	51	48	+ 1	ENE	2	b	5	57	43	-
‡Skudesnaes	30·29	55	SSE	4	b	30·14	−·24	55	51	+ 2	SSE	8	0	5	61	?	-
Oxö (Christiansund)	30·31	54	ESW	1	b	30·20	−·12	50	48	− 1	N	2	b	1	?	46	-
Skagen (The Skaw)	30·23	51	NW	2	b	30·21	−·07	58	57	+ 1	SSE	3	c	2	63	50	-
Fanö	30·31	49	N	2	b	30·19	−·19	53	51	− 5	E	2	b	*	63	?	-
Cuxhaven	30·36	?	N	2	b	? 30·10	−·26	54	53	− 4	SE	3	b	*	57	50	-
‡Sumburgh Head	30·01	55	SSW	5	bc	29·79	−·42	54	53	+ 1	SSW	4	m	5	58	52	-
‡Stornoway	29·95	56	S	8	r	29·78	−·38	50	48	− 4	SSW	4	0	4	57	47	0·41
Wick	30·03	57	SW	4	bc	29·74	−·45	56	54	+ 2	S	3	rw	2	65	52	0·04
Nairn	30·06	59	W	2	bc	29·79	−·46	57	55	+ 12	W	2	0	1	65	45	-
‡Aberdeen	30·13	56	SSW	3	c	29·89	−·44	56	54	+ 2	S	4	0	2	62	52	-
Leith	30·16	61	W	5	bc	29·92	−·46	58	55	+ ?16	SW	1	b	*	68	41	-
‡Shields	30·22	56	S	2	m	29·99	−·43	58	52	+ 5	SW	2	m	2	60	46	-
Spurn Head	30·27	57	ENE	3	b	30·03	−·36	59	56	+ 2	SE	3	bew	2	62	56	-
York	30·27	62	S	1	b	30·04	−·40	55	52	+ 3	S	1	0	*	67	48	-
Loughborough	30·25	59	W	0	bc	30·05	−·37	48	48	− 4	W	0	fw	*	66	40	-
‡Ardrossan	30·17	57	SW	3	c	29·87	−·48	56	52	+ 4	SW	4	r	3	60	50	0·01
‡Mullaghmore	30·14	61	SW	3	c	29·90	−·42	52	51	− 4	NW	4	orm	4	65	51	0·48
Donaghadee	30·19	57	SE	4	b	29·92	−·46	55	55	+ 3	SSW	3	0	1	64	52	-
Parsonstown														*			
Barrow-in-Furness	30·24	60	S	2	b	29·99	−·41	54	52	0	SE	4	om	2	63	52	-
‡Holyhead	30·23	59	WSW	1	b	29·99	−·39	57	55	+ 1	SSW	3	c	2	64	53	-
Liverpool (Bidston)	30·23	60	SE	2	b	30·00	−·41	50	49	+ 1	SE	3	bc	2	63	47	-
‡Valencia	30·22	58	SSW	2	bc	29·93	−·42	57	57	− 2	W	?1	fg	2	63	55	0·01
Roche's Point	30·22	57	SE	2	c	29·96	−·40	57	56	+ 1	SW	4	mo	4	73	50	-
Pembroke	30·21	58	SE	1	c	30·01	−·34	53	52	0	E	1	cmw	0	61	50	-
‡Scilly	30·19	59	ENE	3	c	30·03	−·26	58	56	− 2	NNW	3	c	2	62	55	-
Prawle Point	30·21	58	ENE	2	b	30·02	−·29	60	55	+ 2	NNW	2	b	2	63	49	-
Hurst Castle	30·20	63	ESE	3	b	30·02	−·32	51	51	− 5	NE	1	f	1	67	48	-
‡Dover	30·17	60	NE	5	b	29·98	−·37	62	58	+ 2	E	3	b	1	62	58	-
‡London	30·23	58	E	2	bc	30·01	−·37	55	53	+ 2	E	1	fw	*	67	50	-
Oxford	30·23	55	NE	1	b	30·03	−·37	51	51	+ 4	W	0	fw	*	65	46	-
Cambridge	30·24	60	NE	1	bc	30·02	−·38	53	52	+ 3	E	1	0	*	66	46	-
‡Yarmouth	30·26	60	ENE	3	b	30·02	−·37	60	58	+ 2	E	2	c	3	63	56	-
The Helder	30·26	59	ENE	1	b	30·06	−·32	56	54	− 1	ESE	1	bc	1	63	55	-
Cape Gris Nez	30·21	60	NE	4	bc	30·01		59	56		E	4	m	2	64	52	-
‡Jersey	30·16	69	ENE	4	bew	30·01	−·26	61	60	+ 1	NE	2	cfw	2	65	56	-
Brest	30·11	63	ENE	4	c	30·03	−·18	58	57	+ 1	N	3	m	2	70	54	-
Lorient	30·06	64	NE	4	bc	? 29·98	−·14	55	54	− 2	NE	3	m	2	70	48	-
‡Rochefort	29·99	71	ENE	4	o	29·90	−·12	62	62	+ 2	ENE	1	o	1	81	55	-
Biarritz	29·97	70	NE	3	o	29·98	−·06	64	62	+ 1	S	4	xt	2	79	59	0·32
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·99	−·36	55	54	+ 4	ENE	1	c	*	68	50	-
Charleville	?30·16	67	E	1	bc	? 30·01	−·26	53	50	+ 2	NE	1	b	*	75	?	-
Paris	30·14	71	WNW	3	o	29·97	−·29	58	57	+ 1	W	0	b	*	*	*	-
Lyons	30·12	66	S	3	o	30·04	−·16	62	61	+ 3	NE	1	m	*	76	59	0·04
Toulon	30·09	65	ENE	1	o	29·97	−·13	69	63	− 2	E	5	o	3	75	63	0·32
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29·01	55	S	2	bew	28·76	−·41	54	51	− 4	S	1	m	*	61	45	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·35	60	52	WSW	2	bc	2
Sumburgh Head	30·05	57	54	SSW	5	b	5
Stornoway	30·02	57	55	S	8	fg	7
Aberdeen	30·20	60	56	S	4	o	1
Shields	30·32	60	56	SSE	2	m	2
Ardrossan	30·25	58	57	SSW	2	bc	2
Mullaghmore	30·22	62	57	SSW	4	o gm	4
Holyhead	30·30	61	58	ENE	1	b	0

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30·29	62	58	SW	3	bew	4
Scilly	30·23	62	59	E	4	bc	2
Dover	30·27	61	56	E	5	b	3
London	30·28	64	59	E	2	bc	*
Yarmouth	30·33	62	58	E	2	b	2
Jersey	30·19	64	59	NE	5	bc	4
Rochefort	30·01	78	71	SE	1	o	2
Ben Nevis (4406 ft) 9am on 9th	25·72	40	31	SSW	8	b	Max. 41, Min. 33, Rain -

Pressure continues to decrease briskly on our NWn coasts and the change is spreading SEwds. The anticyclone is moving away in an Ely direction and warmer weather is probable over England tomorrow.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain: s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY 11TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Monday. 11th September 1882

BAROMETER, WIND & SEA

Explanation of Map.

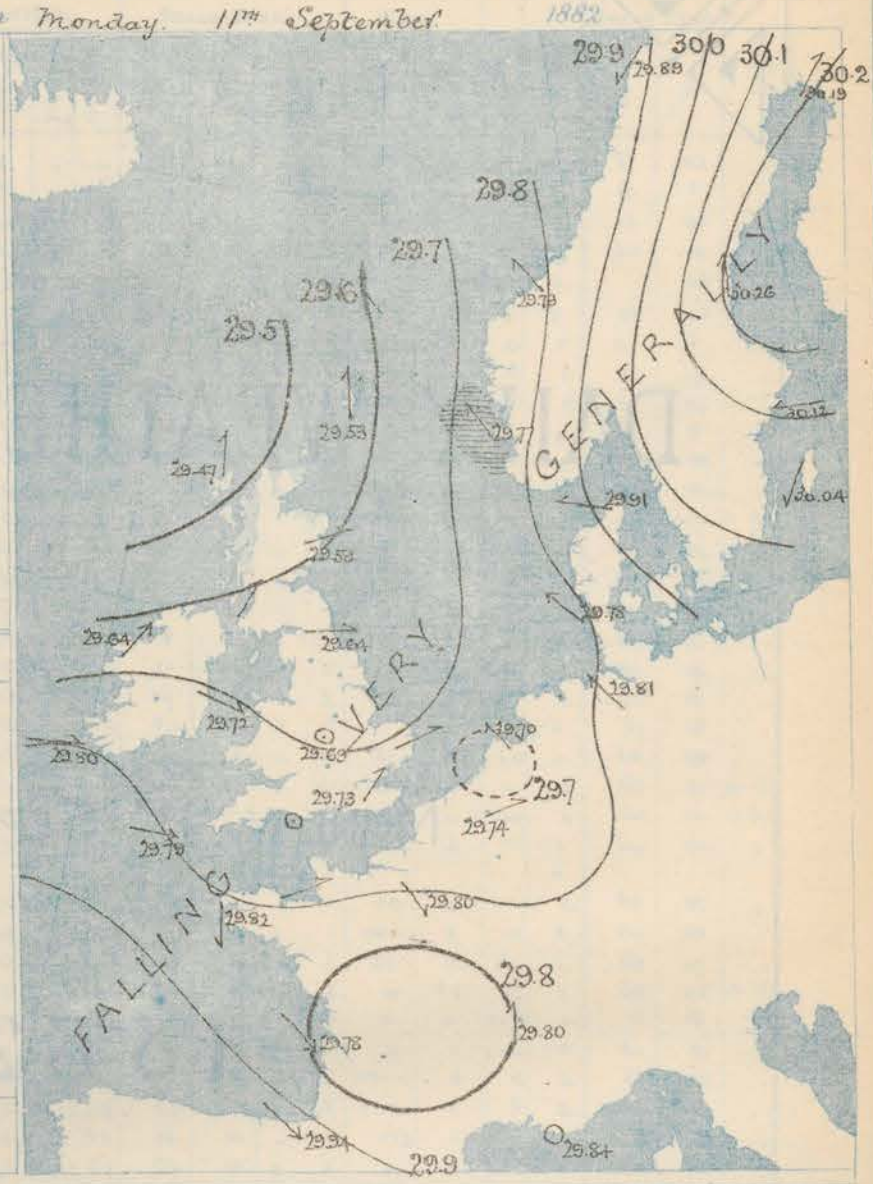
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
→ - forces above 10; → - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4
⊙ - dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings
	Ins.
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greencastle	29.818
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.876
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

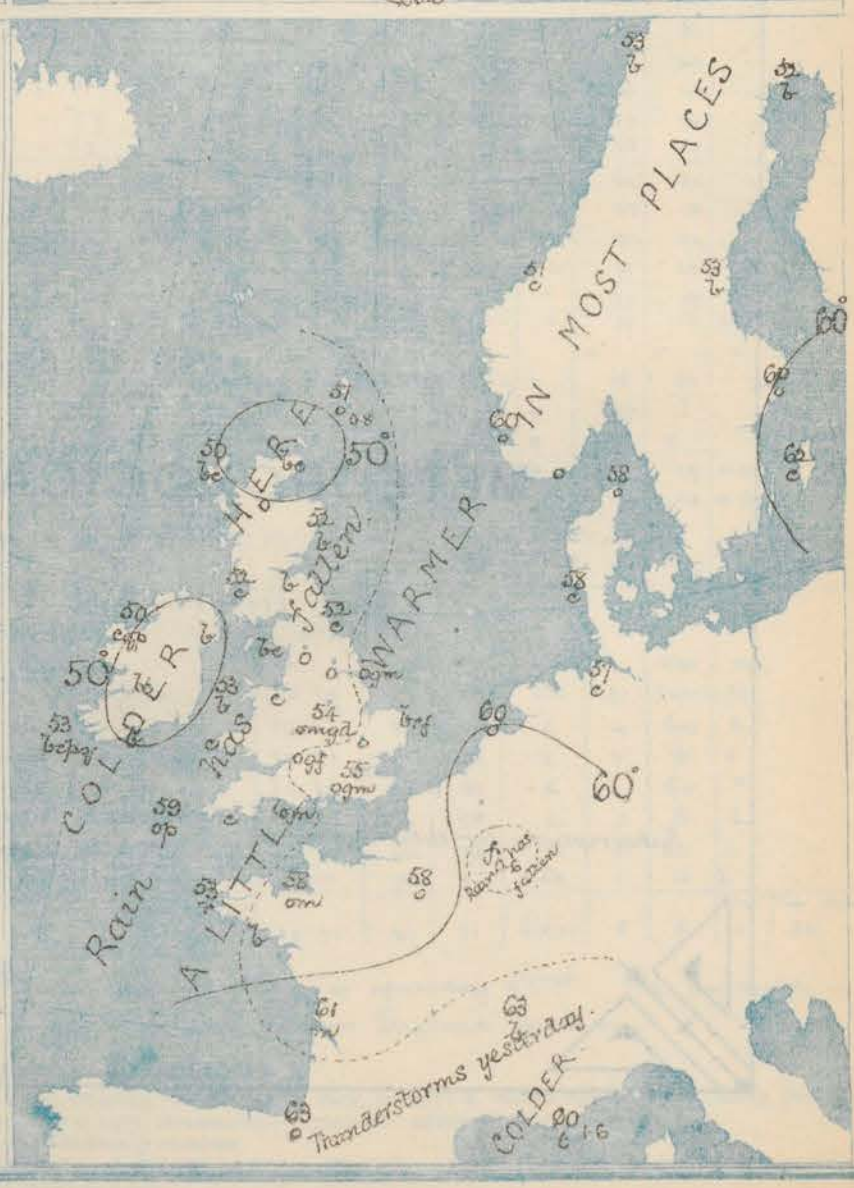
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	6.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Monday 11th September 1882 at 8 a.m.

In the course of the past 48 hours a considerable change has taken place in the distribution of pressure over our Islands. The anticyclone which lay over, as on Saturday has moved NE^ly, and now lies over N^n Europe, while there is apparently a second high pressure area to the SW^ly of our Islands. In the mean time a depression has appeared off our extreme NW^n coasts, and several subsidiary disturbances have formed over England, the Netherlands and France. Thus, while the wind over Scandinavia has become E^ly and SE^ly, that over our Islands and France is variable between SW. and NW, but is of little strength. Temperature has decreased in the W. and NW, but increased in some parts of England, and on the E^n shores of the North Sea. The weather has become dull and showery over Great Britain, while it has cleared up over the E^n parts of Ireland, and also in the extreme E. of Scotland. Thunderstorms are reported in the S. of France. The sea is moderate on our extreme N^n and SW^n coasts, smooth or nearly so elsewhere — very smooth in the Straits of Dover.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

12th SEPT^r

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S^ly to W^ly breezes, moderate to fresh; changeable; some showers.	6 SCOTLAND WEST	Same as N° 0.
1 SCOTLAND EAST	SW^ly breezes, light; fine at first; perhaps showery later.	7 ENGLAND N.W.	W^ly and NW^ly breezes, moderate; fair on the whole.
2 ENGLAND N E	SW^ly to NW^ly winds, light or moderate; dull and showery, then finer.	8 ENGLAND S.W.	Same as N° 5.
3 ENGLAND EAST	- - - D° - - - D° - - - D° - - -	9 IRELAND NORTH	Varying winds between NW. and SW., strong to moderate; showery in W^n districts, fine in the E.
4 MIDLAND COUNTIES	- - - D° - - - D° - - - D° - - -	10 IRELAND SOUTH	- - - D° - - - D° - - - D° - - -
5 ENGLAND SOUTH	Varying W^ly breezes, light; dull and perhaps rainy, then finer.	WARNINGS	None issued

METEOROLOGICAL OBSERVATIONS FOR 11th Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·19	52	SW	4	b	30·19	+ ·03	52	48	+ 3	SW	4	b	*	57	41	-
Hernösand	30·27	53	S	6	b	30·26	- ·04	53	52	- 1	S	2	b	*	63	39	-
Stockholm ...	30·21	51	E	2	b	30·12	- ·22	60	59	+ 9	E	2	o	*	?	43	-
Wisby	30·09	59	ESE	4	bc	30·04	- ·18	62	60	+ 8	NNE	4	c	*	66	46	-
Bodö	29·97	53	Z	0	c	29·89	- ·06	53	49	- 1	ENE	2	b	1	59	50	-
Christiansund...	29·88	54	NE	1	b	29·79	- ·21	51	48	0	ESE	3	c	4	59	43	-
‡Skudesnaes ...	29·95	57	SSE	6	bc	29·77	- ·37	60	54	+ 5	SE	5	o	5	?	55	-
Oxö (Xtiansund) ...	30·01	59	ESE	6	c	29·88	- ·32	58	56	+ 8	ESE	6	o	4	59	?	-
Skagen (The Skaw)	30·06	59	SE	2	b	29·93	- ·28	58	57	0	ESE	4	o	3	63	54	-
Fanö ...	29·93	54	ESE	4	c	29·78	- ·41	58	57	+ 5	SE	6	c	*	63	?	-
Cuxhaven ..	29·95	?	ESE	4	c	29·81	- ·29	57	56	+ 3	SE	3	c	*	63	52	-
‡Sumburgh Head	29·64	53	S	5	r	29·53	- ·26	51	51	- 3	S	3	o	4	55	48	0·76
‡Stornoway	29·59	52	SSW	5	b	29·47	- ·31	50	47	0	S	4	bc	4	56	40	0·09
Wick	29·63	50	N	1	o	29·54	- ·20	45	44	- 11	SW	1	bc	2	56	43	0·25
Nairn ...	29·65	52	Z	0	o	29·54	- ·25	47	44	- 10	Z	0	o	1	60	40	0·09
‡Aberdeen ...	29·71	56	S	8	r	29·59	- ·30	52	48	- 4	WSW	1	b	1	58	45	0·05
Leith	29·71	57	SW	2	o	29·62	- ·30	50	48	- 8	WSW	1	b	e	62	43	0·13
‡Shields	29·76	60	SW	2	o	29·64	- ·35	52	50	- 1	W	1	c	2	61	49	0·17
Spurn Head	29·80	58	SE	3	c	29·66	- ·37	55	54	- 4	SSW	3	ogm	2	62	54	-
York ...	29·81	61	S	1	bc	29·66	- ·38	54	52	- 1	WNW	1	o	*	65	49	0·05
Loughborough	29·83	58	Z	0	c	29·69	- ·36	54	53	+ 6	Z	0	ogmd	*	64	48	0·01
‡Ardrossan	29·71	52	WNW	3	o	29·62	- ·25	52	51	- 4	SW	4	c	3	57	49	0·13
‡Mullaghmore ..	29·75	55	WSW	5	o	29·64	- ·26	50	48	- 2	SW	6	gcp	5	59	49	0·18
Donaghadee ...	29·76	52	WSW	2	c	29·68	- ·24	48	46	- 7	W	4	b	2	57	41	0·19
Parsonstown ...	29·82	53	SSW	1	b	29·74	-	47	45	-	Z	0	b	*	57	40	-
Barrow-in-Furness	29·79	59	SW	3	o	29·67	- ·32	52	49	- 2	WNW	3	bc	3	62	49	0·23
‡Holyhead ...	29·80	56	SSW	3	r	29·72	- ·27	53	49	- 4	WNW	4	b	3	63	50	0·24
Liverpool (Bidston)	29·79	58	SSW	1	o	29·69	- ·31	52	50	+ 2	W	2	c	2	65	50	0·10
‡Valencia	29·87	55	WNW	3	bc	29·80	- ·13	53	49	- 4	W	3	bcgp	4	59	46	0·07
Roche's Point...	29·84	55	N	4	c	29·78	- ·18	50	47	- 7	W	3	b	3	59	46	0·22
Pembroke ...	29·82	56	SW	3	r	29·75	- ·26	52	50	- 1	NW	3	c	2	60	51	0·06
‡Scilly	29·88	59	WSW	5	o	29·79	- ·24	59	53	+ 1	WNW	5	op	4	63	56	0·05
Prawle Point	29·89	57	WSW	3	c	29·78	- ·24	52	51	- 8	NW	2	c	2	66	50	0·02
Hurst Castle ...	29·86	60	W	3	bc	29·73	- ·29	57	57	+ 6	NNE	1	om	3	66	51	0·06
‡Dover ...	29·83	63	ENE	1	b	29·74	- ·24	59	56	- 3	WSW	2	b	1	65	55	-
‡London	29·82	66	W	1	b	29·73	- ·28	55	53	0	SW	1	omq	*	67	52	-
Oxford	29·83	55	WNW	1	c	29·71	- ·32	55	54	+ 4	SW	1	ogf	*	62	50	0·03
Cambridge ..	29·82	65	SE	1	o	29·69	- ·33	53	53	0	SW	1	o	*	68	45	-
‡Yarmouth ..	29·83	62	ESE	1	b	29·71	- ·31	55	54	- 5	WSW	2	bcf	2	64	51	-
The Helder ...	29·81	61	ESE	1	bc	29·70	- ·36	60	59	+ 4	SE	1	o	1	68	55	-
Cape Gris Nez	29·81	62	E	1	m	29·74	- ·27	57	56	- 2	WSW	3	c	1	68	55	-
‡Jersey	29·90	59	NNW	2	c	29·79	- ·22	58	57	- 3	WSW	3	om	3	64	54	-
Brest	29·95	58	NNW	3	m	29·82	- ·21	53	53	- 5	N	4	r	2	61	54	0·04
Lorient	?29·85	63	NW	5	c	?29·80	- ·18	59	57	+ 4	W	3	m	2	68	52	-
‡Rochefort ...	29·85	67	NW	5	b	29·78	- ·12	62	61	0	NW	7	m	2	72	57	-
Biarritz	29·93	66	NW	5	r	29·94	- ·04	63	59	- 1	NW	5	o	3	70	52	0·39
Corunna ...	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·74	- ·25	60	59	+ 5	SW	1	c	*	72	?	-
Charleville ..	?29·84	65	N	1	o	?29·76	- ·25	59	56	+ 6	NNE	1	f	*	77	?	0·55
Paris	29·83	72	SSW	1	b	29·80	- ·17	58	55	0	NW	3	o	*		*	-
Lyons	29·86	69	S	1	o	29·80	- ·24	63	62	+ 1	S	1	c	*	80	59	-
Toulon	29·92	62	E	4	r	29·84	- ·13	60	59	- 9	Z	0	k	2	70	57	1·57
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·57	54	SW	2	c	28·50	- ·26	48	46	- 6	WSW	2	o	*	57	44	0·05

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·02	59	53	S	8	bc	6
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ...							
Mullaghmore ...							
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...							
Scilly							
Dover							
London ..							*
Yarmouth ...							
Jersey							
Rochefort ...	29·87	72	68	NW	3	bc	1
Ben Nevis (4406ft) 9a.m. on 10th	25·33	41	41	SW	5	f	Max. 44, Min. 38, Rain 0·27

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY 12TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

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WEATHER CHARTS

for 8 a.m. on Tuesday, 12th September 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

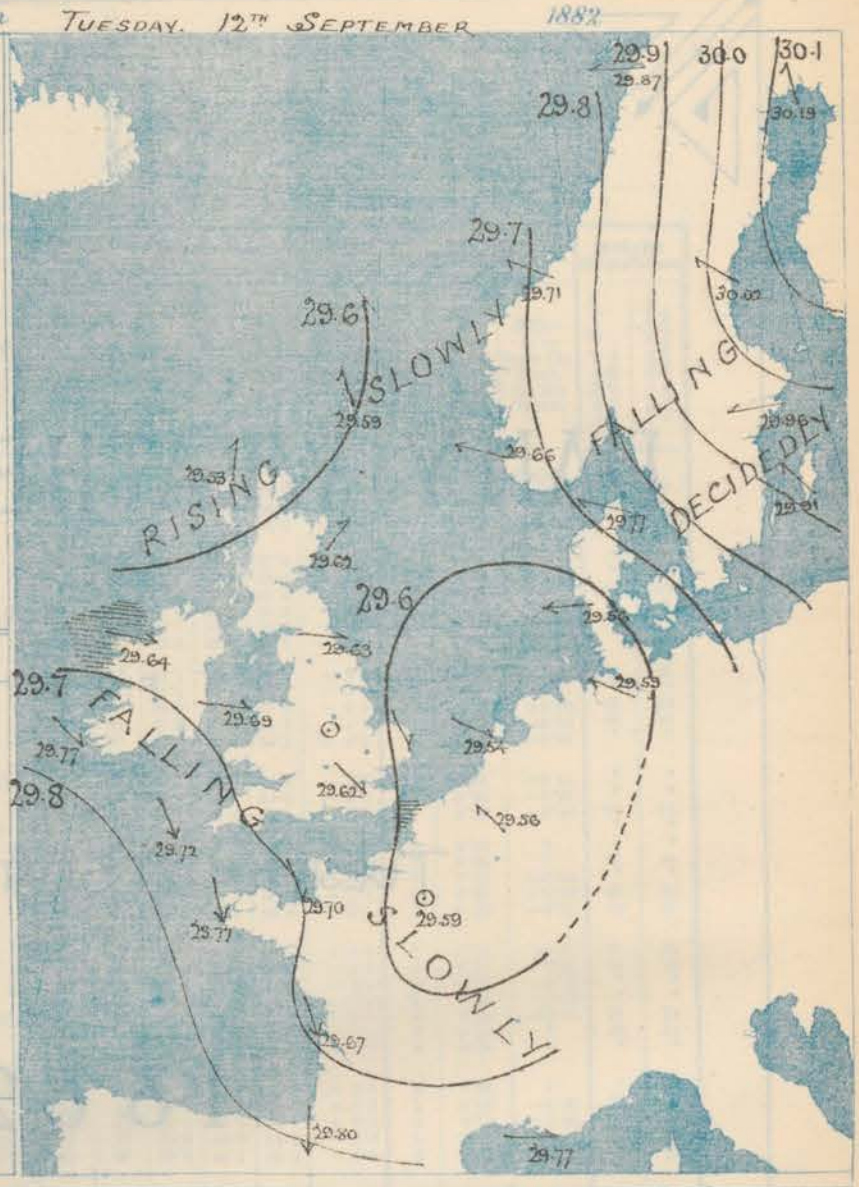
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings
	Ins
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 876
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St. Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.

REMARKS

for Tuesday 12th September 1882 at 8 a.m.

In the course of the past 24 hours the changes in the relative distribution of pressure over our Islands and their neighbourhood have been slight and somewhat irregular. This morning's report shows that there are still two high pressure areas, one over N. Europe, the other to the SW. of our Islands. The depression in the extreme NW is apparently filling up while over France and the Netherlands a large but very shallow disturbance is found, the W. side of which just covers our SE. counties. Thus, while the SW. winds in the N. has become light and variable, NW. to N. breezes are blowing on our SW. coasts, and N. winds over our S. districts and the greater part of France. On the E. shores of the North Sea the wind is still E.

Temperature has fallen considerably over England, the present readings ranging from 43° to 47° at our inland stations. In the NE. of Scotland it was very low during the night, minima being reported as low as 34° at Wick and Aberdeen. Rainy weather prevails over our SE. counties, and in several parts of France, but over the major part of our Islands the weather is fine and bright. The sea is moderate in the extreme W. and NW., rather rough at Cape Gris Nez; smooth or nearly so on our coasts generally.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

13th Sept.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S. to SW. breezes, moderate; fine.	6 SCOTLAND WEST	SW. breezes, moderate; fair on the whole.
1 SCOTLAND EAST	SW. breezes, light; fair generally	7 ENGLAND N.W.	- - - D° - - - D° - - - D° - -
2 ENGLAND N.E.	- - - D° - - - D° - - - D° - -	8. ENGLAND S.W.	NW. breezes, moderate; fair.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	Same as Nos. 6 and 7.
4 MIDLAND COUNTIES	Varying W. breezes, light; fair generally.	10 IRELAND SOUTH	Same as No. 8.
5 ENGLAND SOUTH	N. to NW. breezes, light; changeable clearing towards night.	WARNINGS	None issued

Frank Danger Lith. 20 Bedford St. Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 12th Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·13	50	SW	2	b	30·19	·00	55	54	+ 3	S	2	o	*	57	46	-
Hernösand	30·05	57	L	0	f	30·02	-·24	58	56	+ 5	SE	2	o	*	57	41	0·24
Stockholm ...	30·03	58	E	2	o	29·96	-·16	61	58	+ 1	E	2	b	*	66	50	-
Wisby	29·97	54	NNE	2	b	29·91	-·13	59	57	- 3	ESE	4	b	*	68	54	-
Bodö	29·90	54	E	2	c	29·87	-·02	58	55	+ 5	E	2	bc	1	61	52	-
Christiansund...	29·70	60	SE	1	c	29·71	-·08	61	53	+ 10	ESE	2	bc	2	64	50	-
‡Skudesnaes ...	29·70	60	SE	6	r	29·66	-·11	61	57	+ 1	ESE	6	o	4	63	59	-
Oxö (Christiansund) ...	29·79	60	E	6	o	29·72	-·16	59	57	+ 1	E	6	o	4	61	57	-
Skagen (The Skaw)	29·84	60	ESE	4	b	29·77	-·16	58	56	0	ESE	4	o	3	66	54	-
Fanö	29·69	60	ESE	6	bc	29·66	-·22	59	59	+ 1	E	5	c	*	68	57	0·04
Cuxhaven ..	29·72	?	ESE	3	c	29·59	-·22	60	59	+ 3	ESE	2	c	*	68	54	-
‡Sumburgh Head	29·54	50	S	3	b	29·59	+·06	51	50	0	?SSE	2	bc	3	55	46	0·08
‡Stornoway ..	29·48	51	S	4	bc	29·53	+·06	50	49	0	S	4	bc	4	?54	44	0·10
Wick	29·65	54	SW	2	bc	29·60	+·06	49	46	+ 4	SSW	1	b	2	57	34	-
Nairn	29·54	50	W	2	b	29·59	+·05	45	43	- 2	Zs	0	b	1	59	39	-
‡Aberdeen ...	29·57	56	SSW	2	b	29·62	+·03	45	42	- 7	SW	1	bw	1	60	34	-
Leith	29·61	52	W	1	b	29·64	+·02	42	42	- 8	W	1	bm	*	61	39	-
‡Shields	29·64	55	NW	1	c	29·63	-·01	48	46	- 4	W	2	o	2	57	40	0·01
Spurn Head .	29·64	55	?	2	o	29·59	-·07	51	50	- 4	WNW	3	c	3	58	49	0·01
York	29·66	55	W	1	bc	29·65	-·01	43	41	- 11	NW	1	bc	*	61	37	-
Loughborough .	29·68	55	WNW	1	c	29·66	-·03	46	44	- 8	WNW	1	bmw	*	63	41	-
‡Ardrossan ...	29·60	52	WSW	3	bc	29·63	+·01	48	47	- 4	E	3	b	2	57	41	0·01
‡Mullaghmore ..	29·64	41	W	5	bc	29·64	·00	50	48	0	W	5	opq	5	55	47	0·45
Donaghadee ...	29·65	52	SW	2	bc	29·66	-·02	47	46	- 1	SW	2	b	0	59	36	-
Parsonstown ...	29·70	51	W	1	c	29·72	-·02	44	43	- 3	Zs	0	b	*	55	37	0·09
Barrow-in-Furness	29·66	53	WSW	2	bc	29·65	-·02	47	46	- 5	NE	2	bc	3	58	45	-
‡Holyhead ..	29·69	59	WSW	2	pb	29·69	-·03	54	50	+ 1	WNW	2	b	1	59	48	0·01
Liverpool (Bidston)	29·67	51	WNW	2	b	29·66	-·03	51	49	- 1	WNW	2	bc	2	56	46	-
‡Valencia	29·78	52	WNW	4	oq	29·77	-·03	54	50	+ 6	NW	3	bc	3	?59	46	0·18
Roche's Point ...	29·74	52	NW	4	b	29·73	-·05	51	48	+ 1	NW	3	b	3	59	42	0·05
Pembroke ...	29·70	54	W	4	bc	29·70	-·05	52	48	0	NW	2	b	2	55	49	-
‡Scilly	29·75	55	NNW	5	cp	29·72	-·07	53	50	- 6	NNW	5	c	4	?59	50	0·02
Prawle Point ...	29·73	53	NW	3	bc	29·70	-·08	51	48	- 1	N	3	b	2	63	45	-
Hurst Castle ...	29·67	59	NNW	3	b	29·65	-·08	49	46	- 8	NE	3	bm	2	65	44	0·02
‡Dover	29·65	61	SW	3	c	29·55	-·19	52	51	- 7	N	4	cp	2	65	51	0·16
‡London	29·64	60	WNW	1	c	29·62	-·11	47	46	- 8	NW	1	od	*	64	45	0·15
Oxford	29·67	53	W	1	bc	29·66	-·05	48	46	- 7	NNE	1	bm	*	63	46	-
Cambridge ..	29·65	60	NW	1	o	29·62	-·07	48	47	- 5	N	1	r	*	64	45	0·12
‡Yarmouth ...	29·64	60	WNW	1	b	29·56	-·15	55	54	0	NNW	2	or	3	64	54	0·24
The Helder ...	29·63	61	WNW	1	o	29·54	-·16	59	57	- 1	WNW	1	r	1	64	59	0·04
Cape Gris Nez	29·65	60	SW	4	c	29·57	-·17	53	53	- 4	N	7	r	5	64	52	0·39
‡Jersey	29·73	55	NW	2	omgr	29·70	-·09	54	50	- 4	NNW	3	bc	3	59	50	0·20
Brest	29·78	54	N	5	c	29·77	-·05	54	46	+ 1	NNW	5	c	3	61	48	0·04
Lorient	329·68	54	NE	5	bc	29·71	-·09	53	49	- 6	NNW	5	b	2	68	48	0·12
‡Rochefort ...	29·73	62	W	5	r	29·67	-·11	56	53	- 6	NNW	5	o	2	70	52	0·39
Biarritz	29·80	63	NW	3	o	29·80	-·14	60	58	- 3	N	5	r	3	70	54	1·34
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·56	-·18	57	56	- 3	SE	1	o	*	67	57	0·04
Charleville ...	-	-	-	-	-	? 29·62	-·14	58	57	- 1	NW	1	o	*	63	57	1·34
Paris	29·70	63	NW	1	o	29·59	-·21	59	56	- 1	Zs	0	r	*	*	*	0·04
Lyons														*			
Toulon	29·82	63	SSE	3	b	29·77	-·07	60	58	0	W	1	o	2	70	59	0·16
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·59	54	SW	2	c	28·42	-·08	48	45	0	Zs	0	b	*	53	34	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·71	62	55	SE	8	o	5	Valencia ...	29·81	54	49	WNW	4	cqp	5
Sumburgh Head	29·52	54	51	SSW	3	b	4	Scilly	29·78	56	51	NNW	5	bo	4
Stornoway ...	29·45	54	49	WSW	4	bc	4	Dover	29·69	63	58	WSW	3	c	1
Aberdeen ...	29·56	58	52	S	5	b	1	London ..	29·68	63	57	WSW	2	o	*
Shields	29·64	57	56	W	2	c	2	Yarmouth ...	29·66	63	58	W	1	b	2
Ardrossan ...	29·62	55	54	SW	4	bc	3	Jersey	29·76	57	55	NNW	2	c	2
Mullaghmore ...	29·64	53	49	WNW	6	8cqp	6	Rochefort ..	29·79	58	61	NW	5	a	2
Holyhead	29·71	56	51	SW	3	c	2	Ben Nevis (4,406 ft) 9 a.m. on 11th.	25·04	31	31	SW	6	rsf	Max 41, Min 28, Rain 0·44

Very little change has occurred since the morning, and the barometer shows hardly any tendency to rise even at our extreme W. stations. Dull weather seems likely to continue, with occasional showers.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY 13TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Frederk Young & Sons, Printers, 116 Victoria St. Westminster.

WEATHER CHARTS

for 8 a.m. on Wednesday, 13th Sept.r 1882

BAROMETER, WIND & SEA

Explanation of Map.

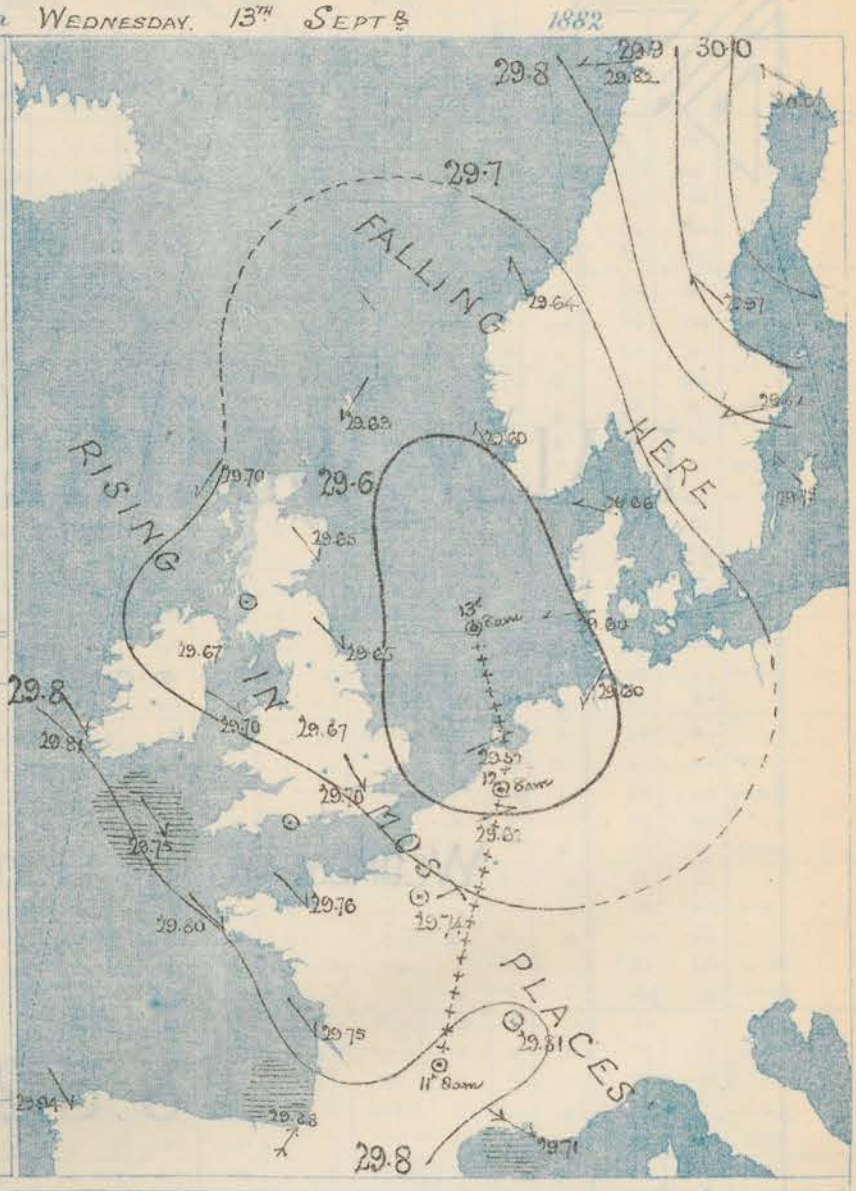
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
»→ = forces above 10; ›→ = forces 8 to 10
→ = forces 5 to 7; ⟶ = forces 1 to 4,
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

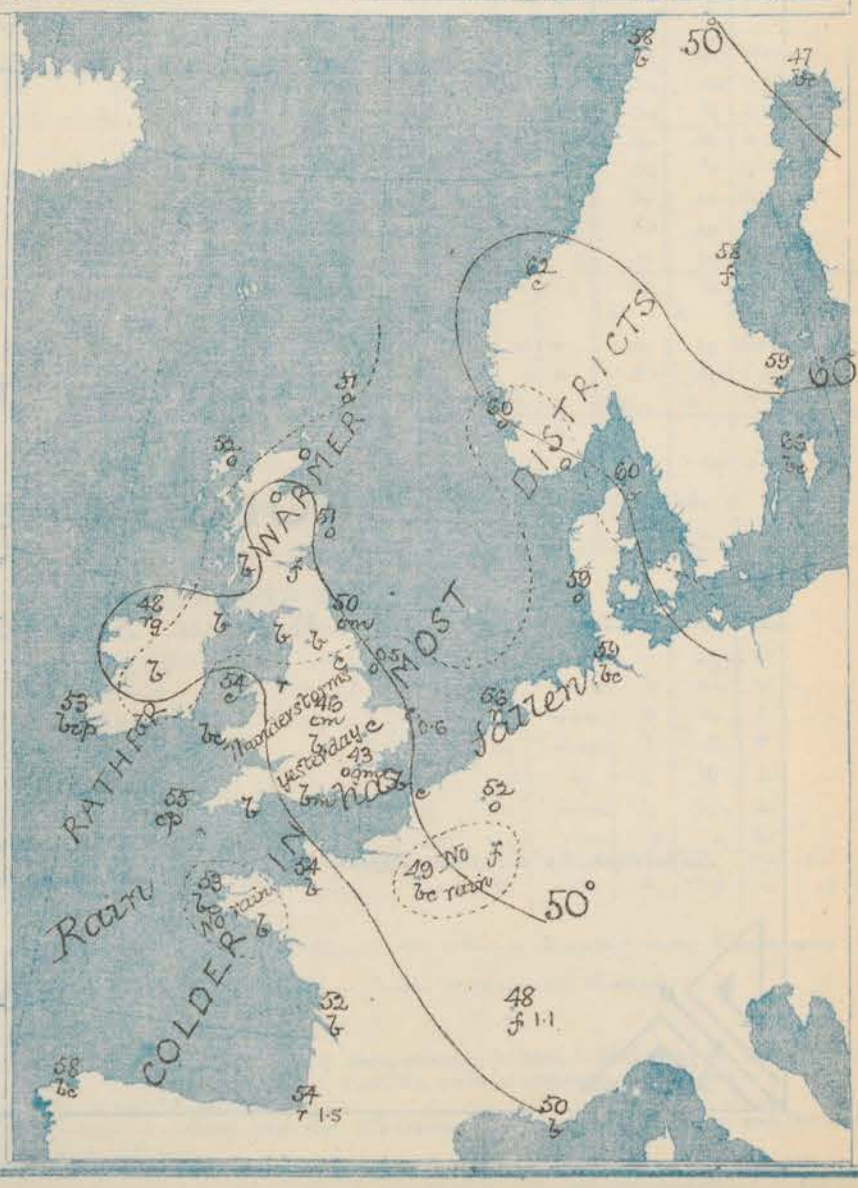
Temperature. Isotherms are drawn for each 10.° Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of September.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 13th September 1882 at 8 a.m.

The changes in barometric pressure over our Islands are still very slight, but the general tendency is towards an increase. The depression noticed over the Netherlands yesterday is now moving N.ward, and its centre lies about midway between Scarborough and Paris. Light NW.ly breezes prevail over nearly the whole of the United Kingdom. SW.ly winds in Holland and E.ly to SE.ly breezes in Denmark and Norway. Temperature has decreased several degrees over our S.ern counties. The minima reported at our inland stations during the night were as low as 37° at Wick and Donaghadee, 38° at Parsonstown, 39° in London and 40° to 43° at several of the English stations. Rain fell yesterday over our E.ern and SE.ern counties, and thunderstorms occurred at some of our midland stations. The sky has since cleared considerably in the SE., but has become overcast and gloomy on our NE. coasts, and showery at several of our W.ern stations. The sea is moderate in the extreme SW., W. and N, smooth or nearly so elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

14th Sept.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NE.ly to N.ly winds, moderate; dull, some rain.	6 SCOTLAND WEST	Forecast cannot be drawn owing to errors in Telegrams.
2 SCOTLAND EAST	N.ly breezes, light; cloudy, perhaps rain.	7 ENGLAND N.W.	- - - D° - - - D° - - - D° - - -
3 ENGLAND N.E.	NW.ly to W.ly breezes, light; dull to fair.	8 ENGLAND S.W.	Same as No. 5.
4 ENGLAND EAST	- - - D° - - - D° - - - D° - - -	9 IRELAND NORTH	Same as No. 6.
5 MIDLAND COUNTIES	- - - D° - - - D° - - - D° - - -	10 IRELAND SOUTH	Same as No. 6.
6 ENGLAND SOUTH	W.ly and NW.ly breezes, light; fine.	WARNINGS	None issued.

Fred.k Changefield, 22 Bedford St. Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 13th Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·13	49	N	0	b	30·07	-·12	47	44	- 8	SE	2	bc	*	61	46	-
Hernösand	29·99	57	SE	2	0	29·97	-·05	58	57	0	SE	2	f	*	61	54	-
Stockholm ...	29·91	58	E	2	0	29·82	-·14	59	59	- 2	E	4	r	*	64	55	-
Wisby	29·84	60	SE	6	0	29·75	-·16	66	63	+ 7	SSE	4	bc	*	66	52	-
Bodö	29·86	60	N	0	c	29·82	-·05	58	54	0	E	2	b	1	68	55	-
Christiansund...	29·67	62	SSE	4	c	29·64	-·07	62	52	+ 1	SE	1	c	1	72	52	-
‡Skudesnaes ...	29·57	61	ESE	2	r	29·60	-·06	60	58	- 1	SE	2	0	4	61	57	-
Oxö (Xtiansund) ...	29·63	61	ENE	6	0	29·63	-·09	59	58	0	ENE	6	0	4	61	57	0·20
Skagen (The Skaw)	29·69	61	E	4	bc	29·66	-·11	60	58	+ 2	ESE	3	0	2	66	57	-
Fanö ...	29·58	59	WSW	2	c	? 29·60	+·04	59	57	0	E	2	0	*	66	54	0·12
Cuxhaven ..	29·61	?	WSW	1	0	29·60	+·01	59	59	- 1	NE	2	bc	*	64	52	0·16
‡Sumburgh Head	29·60	53	NE	2	c	? 29·63	+·04	51	50	0	NE	4	0	4	56	49	0·01
‡Stornoway ...	29·61	53	SE	3	bc	29·70	+·17	52	50	+ 2	NE	5	0	4	? 55	42	0·12
Wick	29·62	52	SW	1	bc	29·67	+·07	51	49	+ 2	N	2	0	2	54	37	-
Nairn ...	29·62	51	W	1	b	29·67	+·08	47	45	+ 2	W	0	0	1	58	43	-
‡Aberdeen ...	29·62	55	SSE	1	bc	29·65	+·03	51	48	+ 6	NW	3	0	1	61	43	-
Leith	29·63	57	W	1	b	29·66	+·02	48	47	+ 6	W	0	f	*	58	40	-
‡Shields	29·63	53	E	1	0	29·65	+·02	50	48	+ 2	NW	1	om	2	56	46	-
Spurn Head ..	29·59	52	N	3	r	29·62	+·03	50	48	- 1	NW	5	0	4	55	48	0·54
York	29·64	52	E	1	0	29·65	·00	48	47	+ 5	NW	1	e	*	59	43	0·20
Loughborough .	29·64	51	W	0	0	29·67	+·01	46	45	0	W	2	em	*	58	41	0·03
‡Ardrossan ...	29·62	54	SW	2	bc	29·66	+·03	52	51	+ 4	SE	1	b	1	57	48	-
‡Mullaghmore ...	29·65	54	WNW	4	bc	?	?	48	47	- 2	?	?	rg	4	57	? 48	0·57
Donaghadee ...	29·66	55	NE	1	bc	29·67	+·01	45	45	- 2	W	2	b	0	61	37	-
Parsonstown ...	29·70	54	W	1	b	29·71	-·01	47	46	+ 3	W	1	b	*	58	38	-
Barrow-in-Furness	29·62	52	NW	2	c	29·66	+·01	47	46	0	NE	2	b	2	60	45	-
‡Holyhead ...	29·68	51	WNW	1	b	29·70	+·01	54	51	0	WNW	2	c	1	58	47	-
Liverpool (Bidston)	29·65	53	WNW	2	c	29·68	+·02	49	46	- 2	NNW	2	r	2	56	46	0·05
‡Valencia	29·78	51	NNW	3	cp	29·81	+·04	53	49	- 1	NW	3	bcp	3	58	47	0·17
Roche's Point...	29·72	52	WNW	3	bc	29·75	+·02	52	50	+ 1	WNW	3	b	3	54	45	0·12
Pembroke ...	29·69	52	WNW	2	b	29·72	+·02	53	50	+ 1	WNW	2	bc	2	54	50	-
‡Scilly	29·73	55	NW	5	c	29·75	+·03	55	52	+ 2	NW	6	cp	5	57	51	0·05
Prawle Point ...	29·71	51	WNW	3	c	29·73	+·03	52	48	+ 1	NW	3	b	3	61	43	0·07
Hurst Castle ...	29·69	52	WSW	2	r	? 29·70	+·05	45	44	- 4	W	0	bm	2	61	40	0·17
‡Dover	29·61	51	W	2	b	29·66	+·11	49	47	- 3	NNW	2	b	1	53	46	0·08
‡London	29·63	55	N	2	0	29·70	+·08	43	42	- 4	NW	1	ogm	*	59	39	0·01
Oxford	29·66	51	NE	1	0	29·70	+·04	47	45	- 1	W	1	b	*	60	40	0·09
Cambridge ..	29·62	49	N	1	0	29·67	+·05	48	47	0	W	1	c	*	51	43	0·29
‡Yarmouth ...	29·52	53	NNW	3	d	29·58	+·02	50	49	- 5	WNW	3	c	3	58	47	0·55
The Helder ...	29·55	59	SSW	1	bc	29·52	-·02	56	54	- 3	WSW	3	r	2	64	55	0·12
Cape Gris Nez	29·65	53	NW	3	m	29·68	+·11	51	49	- 2	NNE	3	c	2	57	50	0·16
‡Jersey	29·73	53	WNW	2	bc	29·76	+·06	54	49	0	NW	2	b	3	59	48	0·11
Brest	29·79	52	NNW	4	b	29·80	+·03	53	50	- 1	NW	4	bc	3	59	48	-
Lorient	?29·74	54	NNW	5	c	? 29·76	+·05	51	48	- 2	NNW	5	b	2	59	45	-
‡Rochefort ...	29·76	59	NW	7	bc	29·75	+·08	52	50	- 4	NW	1	r	2	66	?	0·20
Biarritz	29·89	62	NW	5	c	29·88	+·08	54	50	- 6	SW	8	r	5	63	46	1·46
Corunna	*	*	*	*	*	29·94	+·06	58	55	+ 2	NNW	3	bc	4	66	50	0·16
Brussels	*	*	*	*	*	29·62	+·06	52	50	- 5	WSW	1	0	*	66	50	0·12
Charleville ...	? 29·59	61	SW	1	c	? 29·66	+·04	51	50	- 7	SW	4	f	*	66	48	-
Paris	29·62	56	NW	3	c	29·74	+·15	49	45	- 8	W	0	bc	*	*	*	-
Lyons	29·71	53	N	1	r	29·81	+·08	48	48	- 10	ESE	1	f	*	65	46	1·10
Toulon	29·68	58	NW	4	0	29·71	-·06	50	44	- 12	WNW	8	b	6	61	46	0·20
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·42	46	S	2	c	28·44	+·02	48	44	0	S	1	b	*	55	40	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·62	58	55	E	6	r	4
Sumburgh Head	29·60	54	51	NE	1	c	3
Stornoway ...	29·58	56	52	SSE	4	b	4
Aberdeen ...	29·61	56	50	SSE	2	bc	1
Shields	29·62	56	53	E	2	c	2
Ardrossan ...	29·63	57	56	SSW	2	bc	1
Mullaghmore ...	29·64	56	51	WNW	5	0	4
Holyhead	29·70	55	51	WNW	2	b	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·78	54	49	NW	3	bcp	4
Scilly	29·73	56	51	NW	5	c	4
Dover	29·58	51	49	N	4	cr	4
London ...	29·61	56	49	NNW	2	c	*
Yarmouth ...	29·53	54	53	NNW	3	od	3
Jersey	29·73	52	50	WSW	4	c	3
Rochefort ...	29·75	59	54	NW	5	bc	2
Ben Nevis (4406 ft) 9 a.m. on 12th.	25·04	32	32	SSW	4	fsr	Max 32, Min 29, Rain 0·51

The barometer is now inclined to rise at the S^n and SW^n stations as well as in the N. and the depression over the Netherlands and North Sea is moving NNE^wd. Rain still falls at Yarmouth and Dover, but has ceased in London. The sea is smooth generally.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY 14TH SEPTEMBER

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10/- per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Frederick Trengrouse Cox & Holford St Cover Terrace

WEATHER CHARTS

for 8 a.m. on Thursday, 14th September, 1887

BAROMETER, WIND & SEA

Explanation of Map.

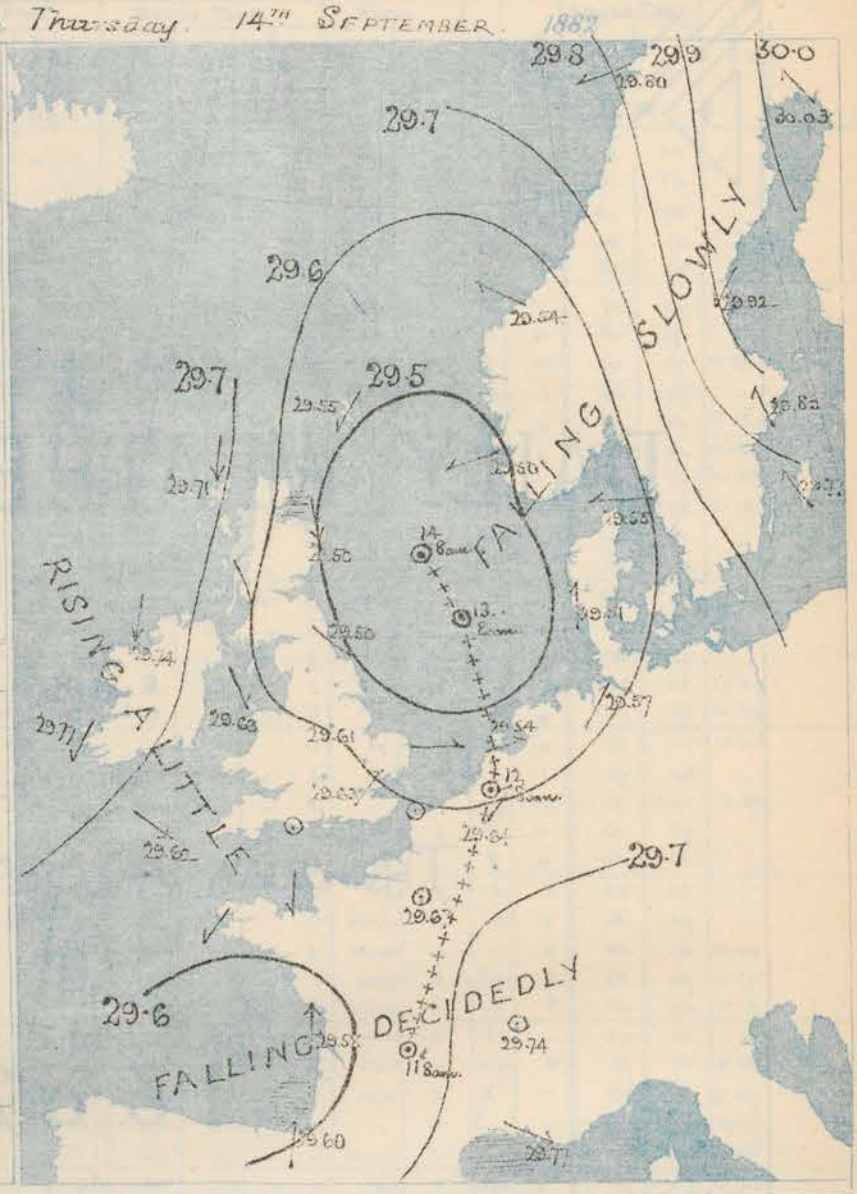
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
» — forces above 10; — forces 8 to 10
— forces 5 to 7; — forces 1 to 4,
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast, thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings
	Ins
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 819
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 867
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

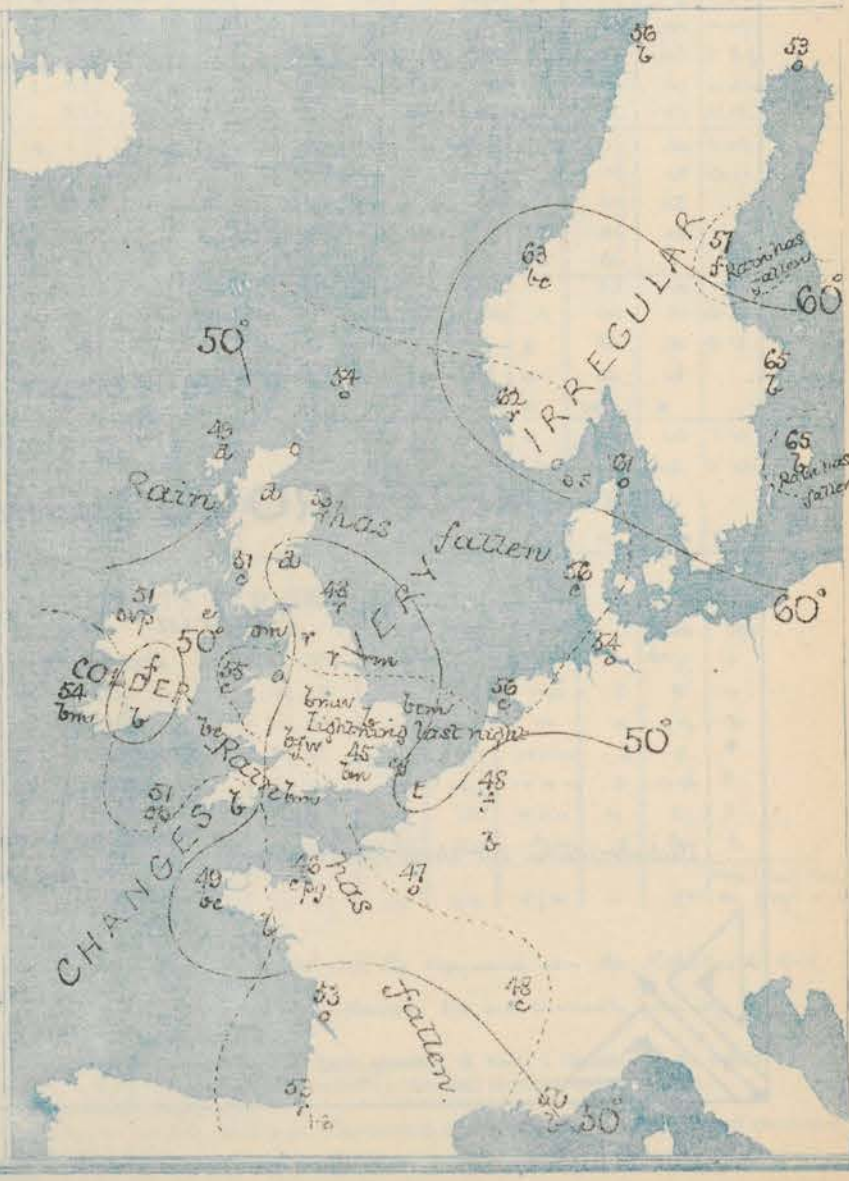
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp.	Rain-fall
	°	ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 14th Septr 1882 at 8 a.m.

The depression which lay over the North Sea yesterday has altered its position very little during the past 24 hours, but appears to be growing deeper. In the mean time a new depression has arrived over the Bay of Biscay. Brisk N. winds and rain have set in over our N. and NE. districts, while on our W. and S. coasts the N. breeze is light, and the weather remains fine except at one or two stations. In the SW. of France, however, the wind, under the influence of the incoming depression has backed to the S.; the sky has become overcast, and at Biarritz heavy rain has set in. Temperature has again been very low during the night, especially over Central Ireland. At Parsonstown the sheltered thermometer went down to 34°, while over England the minima ranged from 39° to 42°. A good deal of lightning was seen at several of our S. and SE. stations last night, and thunder is reported at Cape Gris Nez this morning. The sea is rough in the Moray Firth, moderate in the extreme SW. W. and N. smooth or nearly so elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

15th Septr

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	N. breezes, moderate; dull and rainy, then finer.	6 SCOTLAND WEST	N. breezes, moderate; fine.
1 SCOTLAND EAST	- - - D° - - - D° - - - D° - - -	7 ENGLAND N.W.	- - - D° - - - D° - - - D° - - -
2 ENGLAND N.E.	W. breezes, veering to N.; rainy to fair.	8 ENGLAND S.W.	Same as N° 5.
3 ENGLAND EAST	W. breezes, veering to N; fair on the whole.	9 IRELAND NORTH	N. breezes, moderate; fair on the whole.
4 MIDLAND COUNTIES	NW. and N. breezes; unsettled and rainy, then finer.	10 IRELAND SOUTH	- - - D° - - - D° - - - D° - - -
5 ENGLAND SOUTH	Wind becoming N. and NE. and freshening; fair at first, afterwards becoming unsettled.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 14th Sept.r 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.98	49	Z	0	0	30.03	-.04	53	51	+ 6	SE	2	0	*	61	41	-
Hernösand	29.93	56	E	3	0	29.92	-.05	57	57	- 1	ENE	3	f	*	63	55	0.08
Stockholm ...	29.81	59	E	2	b	29.83	+.01	65	63	+ 6	S	2	b	*	66	57	-
Wisby	29.74	64	SSE	6	b	29.77	+.02	65	60	- 1	SSE	6	b	*	70	59	0.28
Bodö	29.81	58	Z	0	c	29.80	-.02	56	53	- 2	ENE	2	b	1	68	54	-
Christiansund...	29.68	60	ENE	1	bc	29.54	-.10	63	57	+ 1	ESE	2	bc	1	68	55	-
‡Skudesnaes ...	29.56	61	E	4	o	29.50	-.10	62	59	+ 2	ENE	2	r	3	63	59	-
Oxö (Christiansund) ...	29.55	58	NNE	6	r	29.51	-.12	60	59	+ 1	NE	6	o	3	?	37	0.51
Skagen (The Skaw)	29.57	62	E	2	o	29.55	-.11	61	60	+ 1	E	4	o	2	64	59	-
Fanö ...	29.48	61	WSW	4	m	29.51	-.09	56	56	- 3	S	3	c	*	63	55	0.08
Cuxhaven ..	29.48	?	SW	3	o	29.57	-.03	54	53	- 5	SW	3	o	*	61	56	-
‡Sumburgh Head	29.57	52	NNE	3	o	29.55	-.08	54	54	+ 3	NNE	3	o	3	55	50	0.14
‡Stornoway	29.77	48	N	3	c	29.71	+.01	49	49	- 3	N	5	d	4	54	46	-
Wick	29.64	49	N	3	r	29.58	-.09	53	52	+ 2	NNW	2	o	2	53	49	0.10
Nairn ...	29.69	50	NNE	2	c	29.61	-.06	51	50	+ 4	NW	6	d	6	54	46	0.22
‡Aberdeen ...	29.63	53	NNW	4	og	29.50	-.15	53	52	+ 2	NNW	5	r	3	56	49	0.21
Leith	29.65	53	SE	1	bc	29.55	-.11	48	43	0	W	3	d	*	59	41	0.09
‡Shields	29.63	53	N	2	o	29.50	-.15	48	47	- 2	NW	2	r	3	55	46	0.22
Spurn Head	29.61	54	NNW	5	c	29.55	-.07	49	49	- 1	W	4	rm	3	54	49	0.05
York	29.67	54	NNE	1	c	29.57	-.08	48	47	0	W	1	r	*	59	44	-
Loughborough	29.66	52	Z	0	c	29.61	-.06	50	48	+ 4	WNW	2	bm	*	62	41	0.01
‡Ardrossan ...	29.65	56	NW	1	o	29.60	-.06	51	50	- 1	NW	2	c	1	60	48	-
‡Mullaghmore ...	29.66	54	ENE	2	c	29.74	?	51	48	+ 3	N	5	orp	4	58	46	0.09
Donaghadee ...	29.68	53	S	1	b	29.64	-.03	52	50	+ 7	N	5	c	3	56	41	-
Parsonstown ...	29.65	50	Z	0	b	29.75	+.04	41	40	- 6	NW	1	f	*	56	34	0.45
Barrow-in-Furness	29.65	54	WNW	2	b	29.57	-.09	52	50	+ 5	NW	2	om	1	61	47	-
‡Holyhead ...	29.68	53	SW	2	b	29.63	-.07	55	51	+ 1	NNW	4	c	3	59	45	-
Liverpool (Bidston)	29.67	55	WNW	1	b	29.60	-.08	50	48	+ 1	W	2	o	1	57	47	-
‡Valencia	29.79	53	WNW	3	c	29.77	-.04	54	51	+ 1	NNW	3	bm	4	60	44	-
Roche's Point...	29.71	52	WNW	3	bc	29.69	-.06	48	45	- 4	N	3	b	3	58	45	0.01
Pembroke ...	29.69	55	W	3	bc	29.63	-.09	51	49	- 2	WNW	1	bc	2	56	46	0.03
‡Scilly	29.75	55	WNW	6	c	29.62	-.13	51	50	- 4	WNW	5	op	4	58	48	0.01
Prawle Point ...	29.74	52	W	4	c	29.64	-.09	56	50	+ 4	NNW	2	b	2	61	43	-
Hurst Castle ...	29.70	54	NNW	2	bc	? 29.62	-.08	48	46	+ 3	NNE	2	bm	1	61	40	0.01
‡Dover ...	29.66	55	WSW	2	cq	29.59	-.07	50	47	+ 1	N	2	cq	1	58	48	-
‡London	29.66	54	NW	2	bc	29.63	-.07	45	42	+ 2	SW	2	bm	*	62	41	-
Oxford	29.68	50	WNW	1	c	29.63	-.07	45	44	- 2	Z	0	bfw	*	60	39	-
Cambridge ..	29.65	54	N	1	c	29.56	-.11	49	47	+ 1	W	1	b	*	61	40	-
‡Yarmouth ...	29.61	52	WNW	3	c	29.58	.00	47	46	- 3	W	2	bm	3	53	42	-
The Helder ...	29.50	57	WSW	3	c	29.54	+.02	56	53	0	WSW	3	c	2	59	55	0.43
Cape Gris Nez	29.68	55	SW	3	c	29.62	-.06	51	50	0	SW	1	b	2	63	48	0.28
‡Jersey	29.76	56	WNW	1	bchp	29.64	-.12	46	46	- 8	N	3	cpq	3	58	46	0.21
Brest	29.80	54	NW	3	bc	29.66	-.14	49	46	- 4	NE	1	bc	3	57	46	-
Lorient	? 29.77	54	NNE	4	c	? 29.58	-.18	48	46	- 3	E	3	b	2	61	45	-
‡Rochefort ...	29.79	58	NW	1	o	29.58	-.17	53	51	+ 1	S	5	o	2	63	46	0.28
Biarritz	29.93	56	WSW	8	r	29.60	-.28	53	51	- 1	S	4	r	5	63	48	1.61
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.64	+.02	48	45	- 4	SW	1	f	*	59	45	-
Charleville ...	? 29.71	51	NW	1	o	?	?	45	41	- 6	NE	1	b	*	68	41	-
Paris	29.75	53	WSW	1	b	29.67	-.07	47	46	- 2	Z	0	o	*	*	*	-
Lyons	29.82	47	NNW	1	r	29.74	-.07	48	47	0	SE	1	c	*	58	42	0.04
Toulon	29.77	55	WNW	8	bc	29.77	+.06	50	46	0	WNW	4	b	5	61	48	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.44	48	W	1	c	28.35	-.09	44	44	- 4	W	1	r	*	54	40	0.04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.61	63	60	W	2	o	4
Sumburgh Head	29.59	52	51	NNW	3	o	4
Stornoway ...	29.76	51	48	N	4	c	3
Aberdeen ...	29.65	56	52	NNW	4	c	1
Shields	29.64	55	52	N	2	o	3
Ardrossan ...	29.66	59	56	WNW	1	b	1
Mullaghmore ...	29.67	55	51	NNE	4	cop	3
Holyhead	29.69	57	52	SW	3	bc	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.77	59	51	W	4	bcq	5
Scilly	29.77	58	53	NW	5	c	4
Dover	29.65	57	55	WNW	2	b	1
London ...	29.66	59	50	NW	2	bc	*
Yarmouth ...	29.60	52	49	WNW	3	c	3
Jersey	29.77	58	53	WNW	3	c	3
Rochefort ...	29.80	61	55	NW	5	c	2
Ben Nevis (4406) 9am on 13th	25.18	33	31	ESE	1	bc	Max. 33, Min. 30, Rain 0.01

Scarcely any change has occurred except in the W. of Ireland, where the barometer seems inclined to fall a little, while the wind at Valencia has backed to W., accompanied, however, by a continuance of fine weather.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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DAILY WEATHER REPORT

FOR

FRIDAY, 15TH SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/- per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)

Frodh Dunnerfield Lith. 26 Hertford St Covent Garden

WEATHER CHARTS

for 8 a.m. on FRIDAY 15th SEPTEMBER 1882

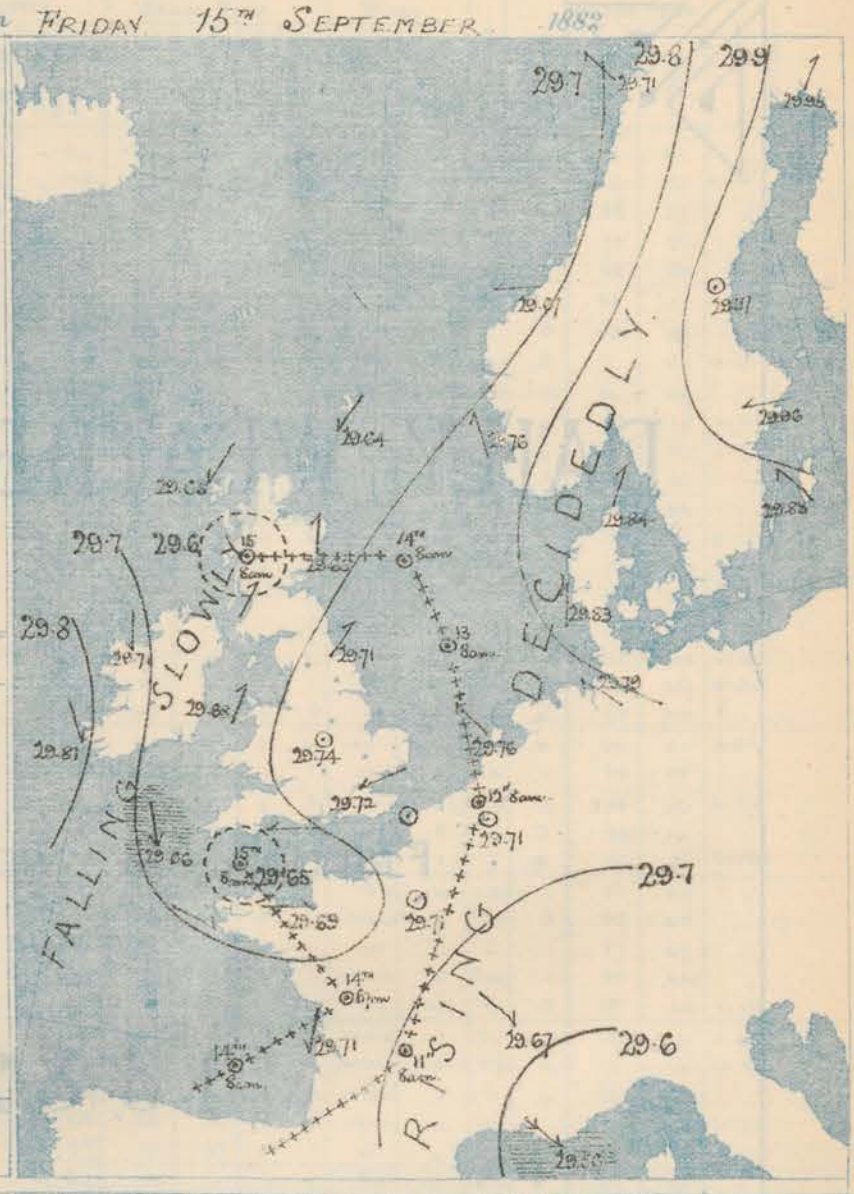
BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus— » → - forces above 10; ⟶ - forces 8 to 10; ⟶ - forces 5 to 7; ⟶ - forces 1 to 4; ⊙ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.



MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings Ins
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 867
Valentia	29 . 872
Roche's Pt.	29 . 876
Plymouth	29 . 835
LONDON	29 . 937
Yarmouth	29 . 918

* *These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*

TEMPERATURE AND WEATHER

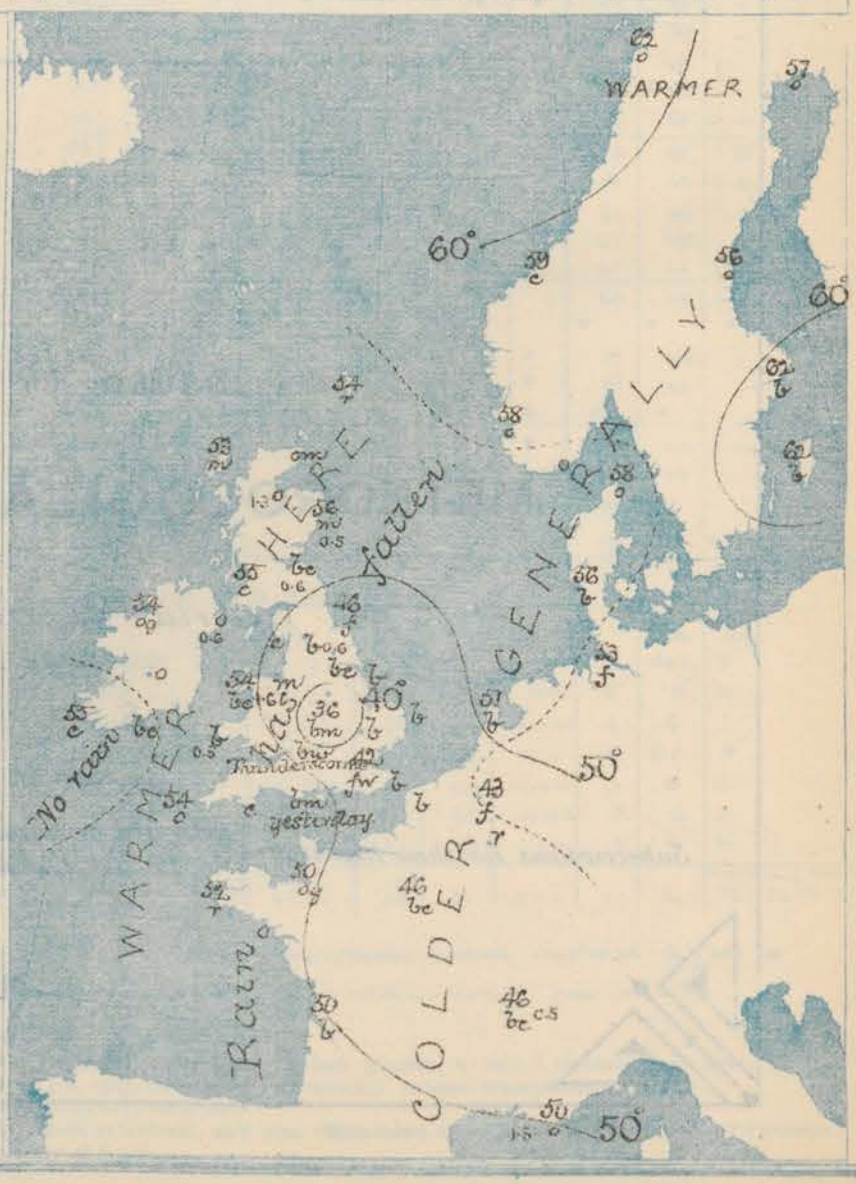
with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.



MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp. °	Rainfall ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* *The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*

REMARKS

for Friday 15th SEPT. 1882 at 8 a.m.

In the course of the past twenty-four hours the barometer has risen somewhat decidedly over the North Sea and France, and to a smaller extent over England, while it has begun to fall in the W. The depression noticed over the North Sea yesterday and the new one which appeared in the W. of France are moving away to the Wnd and are apparently dispersing. Temperature has again been very low in the night, the sheltered thermometer having fallen to 33° at Loughborough, 34° at Oxford, Cambridge and in London, 38° at York and 39° at Parsonstown. A very sharp frost occurred on the grass in the neighbourhood of London. The wind is light and variable from the Eastward over all the E. districts, while it is S. on our NW. coast, and N. to NW. in Ireland. Rain fell yesterday in almost all parts of the Kingdom; in many places the fall was heavy (0·5 in. to 1·6 in.), and at our S. and SE. stations thunderstorms occurred. The weather is now much finer generally. The sea is rather rough on our SW. coast, smooth or nearly so elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

16th SEPTR.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Very variable winds, finally SW.ly; fine.	6 SCOTLAND WEST	Variable airs and calms; fair generally.
2 SCOTLAND EAST	Very variable light breezes; fine in daytime, but cold and foggy again at night.	7 ENGLAND N.W.	....D°.....D°.....D°....
3 ENGLAND N.E.	....D°.....D°.....D°....	8 ENGLAND S.W.	Wind backing to Wnd and SWnd light; fine.
4 ENGLAND EAST	....D°.....D°.....D°....	9 IRELAND NORTH	Wind N.ly at first, with fair weather then shifting to the Snd with fine weather for a time.
5 MIDLAND COUNTIES	....D°.....D°.....D°....	10 IRELAND SOUTH	....D°.....D°.....D°....
6 ENGLAND SOUTH	Variable airs followed by S.ly and SW.ly breezes, light; fine generally, cold and foggy in night.	WARNINGS	NONE ISSUED.

Fratt Longfield & Retford's Times Office Lincoln

METEOROLOGICAL OBSERVATIONS FOR 15th SEPT. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30.00	52	S	0	c	29.95	-.08	51	51	+ 4	SW	2	0	*	59	48	-
Hernösand	29.93	57	S	0	c	29.97	+.05	56	55	- 1	S	0	0	*	61	55	-
Stockholm ...	29.91	58	ESE	2	b	29.96	+.13	62	60	- 3	ESE	2	b	*	68	57	-
Wisby	29.82	62	SSE	6	b	29.88	+.11	62	59	- 3	SSE	4	b	*	68	61	-
Bodö	29.66	61	ENE	2	c	29.71	-.09	62	59	+ 6	SE	2	0	1	66	54	-
Christiansund...	29.64	60	S	0	bc	29.67	+.13	59	56	- 4	E	1	c	0	68	54	-
‡Skudesnaes ...	29.65	59	SSE	6	0	29.76	+.26	58	56	- 4	SSE	2	0	4	63	?	-
Oxö (Christiansund) ...	29.73	59	ESE	2	0	29.79	+.28	58	51	- 2	SSE	4	0	2	61	55	0.32
Skagen (The Skaw)	29.71	59	S	2	r	29.84	+.29	58	56	- 3	SSW	2	0	1	66	52	0.16
Fanö	29.71	56	S	4	c	29.83	+.32	56	55	0	S	1	b	*	63	50	0.04
Cuxhaven ..	29.66	?	S	?	c	29.79	+.22	53	53	- 1	ESE	2	f	*	59	46	-
‡Sumburgh Head	29.62	55	NNE	4	0	29.64	+.09	54	54	0	NE	2	r	3	56	52	0.10
‡Stornoway	29.74	50	N	6	m	29.65	-.06	53	53	+ 4	NNE	3	m	3	53	?47	-
Wick	29.64	53	NE	3	0	29.65	+.07	54	52	+ 3	S	1	am	2	57	51	0.23
Nairn ...	29.62	54	NW	4	0	29.62	+.01	55	54	+ 4	S	0	0	2	55	51	1.31
‡Aberdeen ...	29.53	56	N	3	rm	29.65	+.15	56	55	+ 3	S	2	m	2	57	52	0.45
Leith	29.50	55	W	2	r	29.65	+.10	54	53	+ 6	S	1	bc	*	55	42	0.60
‡Shields	29.46	51	WSW	2	og	29.71	+.21	46	46	- 2	SW	2	f	2	52	43	0.13
Spurn Head	29.53	54	SW	3	c	29.72	+.17	56	53	+ 7	E	2	b	3	58	48	0.09
York	29.54	51	WSW	2	b	29.74	+.17	42	41	- 6	S	1	bc	*	57	38	0.01
Loughborough .	29.60	51	W	1	bc	29.74	+.13	36	36	- 14	W	1	bmw	*	58	33	-
‡Ardrossan ...	29.52	55	WNW	2	c	29.66	+.06	55	55	+ 4	SSW	3	c	2	58	50	0.26
‡Mullaghmore ...	29.74	53	N	7	0	29.71	-.03	54	53	+ 3	N	4	og	3	55	50	0.01
Donaghadee ...	29.57	54	N	6	0	29.67	+.03	55	55	+ 3	SSE	3	0	1	56	51	0.60
Parsonstown ...	29.75	51	WNW	3	0	29.74	-.01	51	50	+ 10	NW	1	0	*	57	39	0.02
Barrow-in-Furness	29.54	52	N	2	r	29.69	+.12	50	48	- 2	E	3	bc	2	53	47	0.52
‡Holyhead ...	29.55	53	NNW	3	0	29.68	+.05	54	53	- 1	SSW	3	bc	2	56	50	1.62
Liverpool (Bidston)	29.55	49	WSW	3	0	29.72	+.12	47	45	- 3	SE	2	m	2	56	42	0.19
‡Valencia	29.84	54	NNW	3	c	29.81	+.04	55	50	+ 1	NNW	3	c	3	60	50	-
Roche's Point...	29.72	56	NNW	4	bc	29.71	+.02	54	51	+ 6	NNW	5	bc	4	59	47	-
Pembroke ...	29.65	52	WNW	2	r	29.66	+.03	51	49	0	E	3	b	2	57	48	0.50
‡Scilly	29.69	55	NNW	4	cp	29.66	+.04	54	53	+ 3	NNW	6	od	5	57	?51	0.10
Prawle Point ...	29.66	54	NNW	2	c	29.63	-.01	52	49	- 4	SE	5	c	4	62	47	0.31
Hurst Castle ...	29.62	52	S	1	c	29.69	+.07	54	51	+ 6	E	1	bm	2	61	48	0.09
‡Dover	29.61	53	SW	1	b	29.71	+.12	52	49	+ 2	N	1	b	0	55	45	0.10
‡London	29.61	48	NW	1	c	29.72	+.09	42	42	- 3	ENE	1	fw	*	58	37	0.04
Oxford	29.63	50	W	1	b	29.72	+.09	43	43	- 2	ENE	1	bw	*	60	37	0.03
Cambridge ..	29.59	55	W	1	0	29.72	+.16	45	44	- 4	SW	1	b	*	63	37	-
‡Yarmouth ...	29.59	55	SSW	1	c	29.73	+.15	55	51	+ 8	ESE	2	b	2	58	45	0.06
The Helder ...	29.67	50	SE	1	b	29.76	+.22	51	50	- 5	SE	1	b	1	59	46	0.12
Cape Gris Nez	29.63	55	SW	1	b	29.71	+.09	48	47	- 3	SE	1	b	0	59	46	0.04
‡Jersey	29.66	53	NNW	2	bc	29.69	+.05	50	48	+ 4	W	3	og	3	57	46	0.20
Brest	29.71	54	N	3	b	29.71	+.05	52	50	+ 3	WNW	4	r	3	59	48	0.08
Lorient	29.62	54	NNW	3	c	?29.66	+.08	54	46	+ 6	NNW	5	0	2	59	45	0.32
‡Rochefort ...	29.56	57	NW	8	r	29.71	+.13	50	48	- 3	NNE	3	b	2	63	45	0.04
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.71	+.07	43	42	- 5	ENE	1	f	*	57	40	-
Charleville ...	-	-	-	-	-	?29.68	?	45	43	0	NE	4	r	*	59	41	0.20
Paris	29.63	50	SW	1	0	29.71	+.04	46	44	- 1	S	0	bc	*	*	*	0.24
Lyons	29.60	50	SE	1	0	29.67	-.07	46	43	- 2	NW	4	bc	*	60	45	0.47
Toulon	29.59	50	E	7	r	29.56	-.21	50	48	0	NW	8	0	6	52	48	1.30
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.31	46	SW	2	r	28.51	+.16	48	45	+ 4	S	2	b	*	48	38	0.55

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.54	63	60	E	3	r	3
Sumburgh Head	29.58	55	54	NE	4	0	3
Stornoway ...	29.73	51	50	N	6	mq	4
Aberdeen ...	29.51	56	55	N	3	d	3
Shields	29.47	51	51	W	2	d	2
Ardrossan ...	29.55	57	56	NW	2	bc	1
Mullaghmore ...	29.76	51	50	N	6	opg	5
Holyhead... ...	29.62	52	49	WNW	3	o	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.82	59	52	NNW	4	bc	4
Scilly	29.67	56	50	NNE	2	bc	3
Dover	29.60	53	50	SW	3	b	1
London ...	29.60	56	50	SW	1	ct	*
Yarmouth ...	29.59	57	53	ENE	2	bc	2
Jersey... ...	29.64	54	49	NNW	3	c	3
Rochefort ...	29.56	59	55	S	7	b	2
Ben Nevis (4406 ft) 9 a.m. on 14th.	25.13	35	34	S	1	f	Max 37, Min 31, Rain 0.114

Very little change has occurred either in the N. or W., but thunderstorms have set in at some of our SE^n stations, and at Scilly the wind has veered to NNE., while at Rochefort it has increased considerably from S.*

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY, 16TH SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 26 Bedford St. Covent Garden

WEATHER CHARTS

for 8 a.m. on SATURDAY. 16.TH SEPTEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

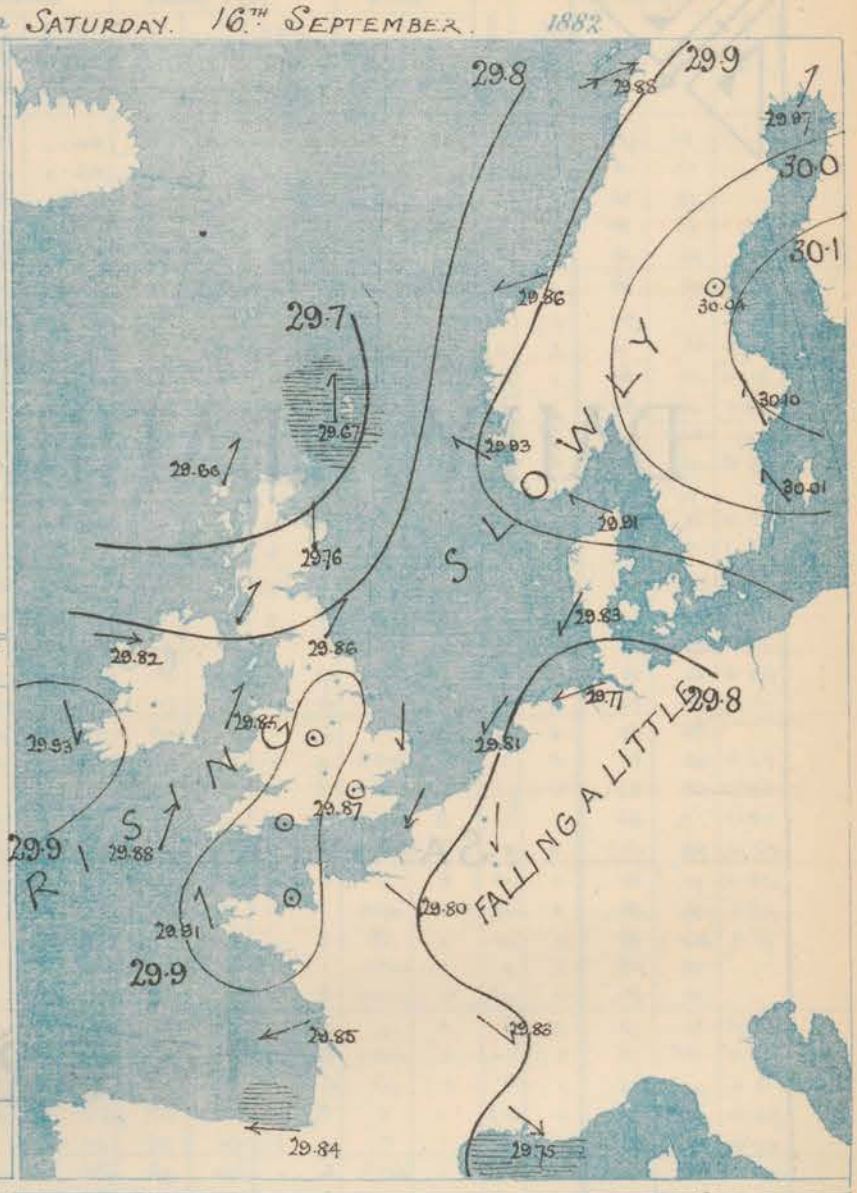
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟫⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▒ = Rough; ▒ = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

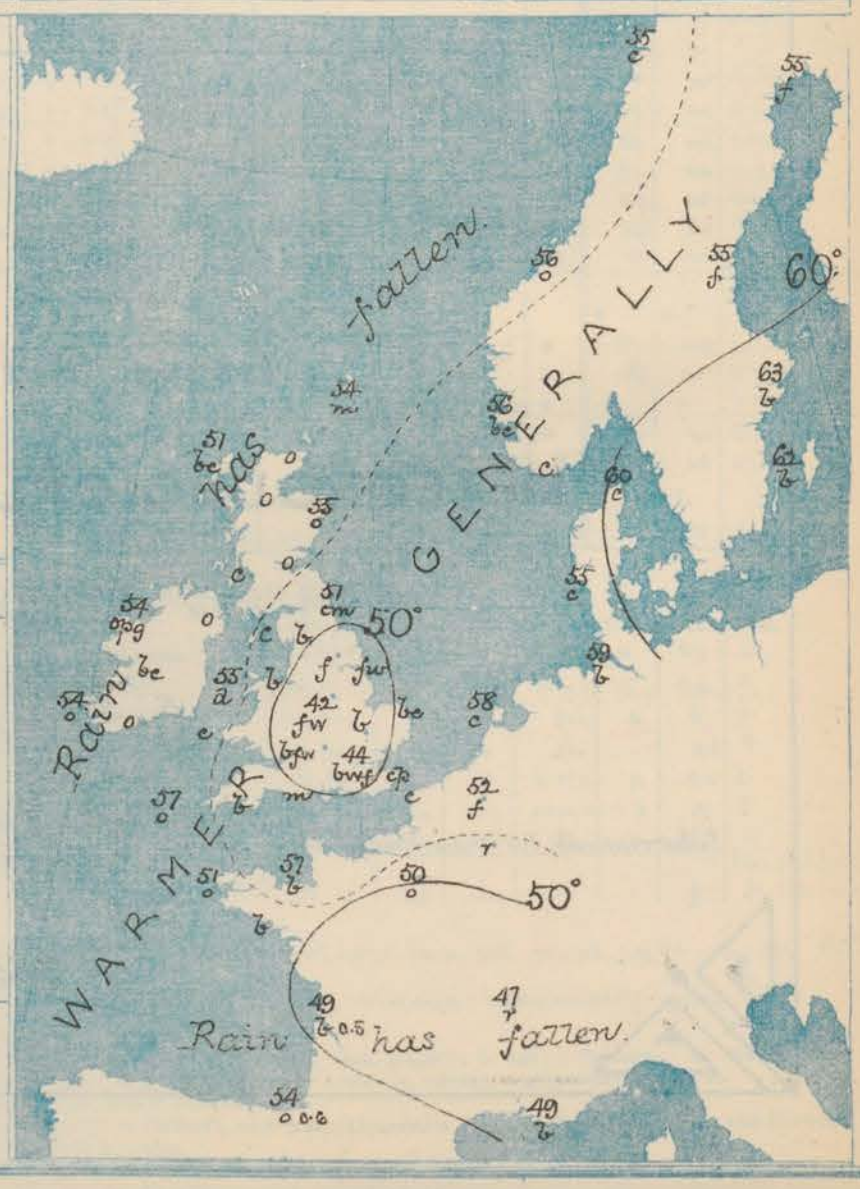
Temperature. Isotherms are drawn for each 10.° Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp	Rain-fall
	°	ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St. Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·6	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 16th Sept. 1882 at 8 a.m.

The weather over the British Islands is far from being settled; although the depressions in our neighbourhood are not deep. Barometric readings range from 30·1 ins. at Stockholm and 29·9 ins. at Valencia to 29·8 ins. over the East of France and to 29·7 ins. in the N. of Scotland. Thus there are two distinct regions in which readings are relatively high, and two in which they are low, while a subsidiary anticyclone is found over Central and southern England, the northern part of the Channel and Brittany. Temperature was again low over England in the night, but has since risen quickly, and is now several degrees warmer than it was yesterday. The wind is exceedingly variable:— W.ly to NW.ly in Ireland, S.ly in Scotland, E.ly in the SW. of Norway. Over England it varies greatly. The weather though fine at present in England is dull elsewhere, showers have fallen in the W. and N., and continue in some places. The sea is smooth or nearly so except in the extreme NW.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

17th Sept.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SW.ly to W.ly breezes, moderate; rather unsettled, some rain.	6 SCOTLAND WEST	Same as Nos 0. and 1.
1 SCOTLAND EAST	----D°--------D°------D°---	7 ENGLAND N.W.	Varying breezes; cloudy, some showers then fine.
2 ENGLAND N.E.	W.ly and SW.ly breezes, light; fair generally.	8 ENGLAND S.W.	Same as No 5.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	NW.ly breezes, moderate; showery to fair.
4 MIDLAND COUNTIES	Calms and variable breezes; some local showers.	10 IRELAND SOUTH	----D°--------D°------D°----
5 ENGLAND SOUTH	Very variable breezes; changeable, some rain, then finer.	WARNINGS	NONE ISSUED.

Fredk Dangerfield, 24 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 16th SEPT.r 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·92	55	SW	2	bc	29·97	+·02	55	55	– 2	SW	4	f	*	57	50	–
Hernösand	30·00	58	SSW	2	b	30·04	+·04	55	54	– 1	Z	0	f	*	63	54	–
Stockholm ..	30·06	58	S	2	b	30·10	+·14	63	61	+ 1	S	2	b	*	70	55	–
Wisby	29·98	57	ESE	4	b	30·01	+·13	62	60	0	SSE	4	b	*	72	55	–
Bodö	29·76	57	Z	0	0	29·88	+·17	55	54	– 7	WSW	6	c	4	63	54	0·24
Christiansund ..	29·85	58	SW	2	0	29·86	+·19	57	55	– 2	ENE	2	0	2	59	54	0·70
‡Skudesnaes ...	29·95	58	SSE	4	bc	29·93	+·17	56	53	– 2	ESE	2	bc	3	61	?	–
Oxö (Christiansund) ...	29·96	57	SSW	2	0	29·92	+·13	55	50	– 3	NNW	4	c	2	61	54	–
Skagen (The Skaw)	29·95	58	E	2	b	29·91	+·07	60	58	+ 2	ESE	2	c	1	66	57	–
Fanö ..	29·89	55	E	4	b	29·83	·00	55	55	– 1	NE	3	c	*	63	52	–
Cuxhaven ..	29·81	?	E	3	bc	29·77	–·02	59	59	– 6	NE	1	b	*	61	50	–
‡Sumburgh Head	29·67	53	S	4	b	29·67	+·03	54	52	0	S	5	m	5	58	?49	0·11
‡Stornoway ..	29·59	53	WSW	4	m	29·66	+·01	51	49	– 2	SSW	4	bc	3	58	47	0·05
Wick ..	29·59	56	S	3	0	29·70	+·05	54	53	0	SW	3	0	2	62	52	0·15
Nairn ..	29·72	56	SSW	1	0	29·69	+·07	52	50	– 3	NW	2	0	2	60	51	0·28
‡Aberdeen ...	29·73	56	S	5	c	29·76	+·11	55	52	– 1	S	4	0	2	60	50	0·01
Leith	29·74	54	NW	2	bc	29·76	+·11	54	52	0	SSW	4	0	*	63	52	0·04
‡Shields	29·80	55	SSE	2	0	29·86	+·15	51	49	+ 5	SW	3	cm	2	60	42	–
Spurn Head ..	29·83	56	E	2	b	29·89	+·17	49	49	– 7	NW	2	fw	2	60	48	–
York ..	29·82	59	SSE	1	b	29·91	+·17	42	42	0	S	1	f	*	64	38	–
Loughborough	29·82	56	Z	0	b	29·92	+·19	42	42	+ 6	Z	0	fw	*	68	36	–
‡Ardrossan ..	29·72	56	SW	3	r	29·77	+·11	53	53	– 2	SW	4	c	3	59	51	0·30
‡Mullaghmore ..	29·71	53	W	3	0	29·82	+·11	54	48	0	W	5	opq	4	56	50	0·06
Donaghadee ...	29·73	54	SW	4	r	29·81	+·14	51	51	– 4	W	4	0	2	59	50	0·30
Parsonstown ...	29·75	50	S	1	c	29·90	+·16	52	50	+ 1	WSW	1	bc	*	56	47	0·01
Barrow-in-Furness	29·77	56	SE	3	bc	29·82	+·13	52	50	+ 2	SE	4	c	3	61	49	–
‡Holyhead ...	29·79	55	SSW	3	bc	29·85	+·17	55	54	+ 1	SSW	1	d	0	60	52	0·14
Liverpool (Bidston)	29·80	56	SSE	2	bc	29·86	+·14	51	48	+ 4	NNE	2	3	2	62	43	–
‡Valencia	29·78	53	SE	2	omq	29·93	+·12	54	50	– 1	NNW	2	0	2	56	51	0·07
Roche's Point...	29·75	56	N	2	0	29·87	+·16	54	52	0	N	3	0	3	60	50	0·08
Pembroke ...	29·80	57	S	3	c	29·87	+·21	57	55	+ 6	SSW	3	c	3	58	?50	–
‡Scilly	29·78	56	SE	1	0	29·88	+·22	57	55	+ 3	SSW	2	0	3	57	52	0·05
Prawle Point ..	29·82	54	SE	3	c	29·93	+·30	57	54	+ 5	ENE	1	b	2	58	46	–
Hurst Castle ..	29·80	57	SW	1	b	29·90	+·21	51	49	– 3	Z	0	m	1	61	43	–
‡Dover ..	29·80	58	NE	3	bc	29·82	+·11	55	54	+ 3	N	3	cp	1	59	?49	0·04
‡London	29·81	56	E	2	bm	29·87	+·15	44	41	+ 2	W	1	bfw	*	65	38	–
Oxford	29·87	48	NW	1	b	29·93	+·21	44	43	+ 1	Z	0	bfw	*	62	35	–
Cambridge ..	29·80	58	SE	1	b	29·90	+·18	49	49	+ 4	NW	1	b	*	65	38	–
‡Yarmouth ..	29·81	58	NE	3	bc	29·84	+·11	58	57	+ 3	N	3	bc	3	60	53	–
The Helder ..	29·81	52	ENE	3	c	29·81	+·05	58	57	+ 7	NE	1	c	1	59	?	–
Cape Gris Nez	29·80	56	NNE	4	c	29·84	+·13	58	57	+ 10	NE	5	c	3	59	48	0·08
‡Jersey	29·82	55	Z	0	bc	29·93	+·24	57	53	+ 7	WNW	1	b	1	57	49	–
Brest	29·79	55	NNW	3	0	29·91	+·20	51	48	– 1	SSE	4	0	4	59	48	0·04
Lorient	?29·73	53	SE	5	0	?29·87	+·21	48	46	– 6	ESE	3	b	2	57	45	0·04
‡Rochefort ...	29·73	54	S	4	r	29·85	+·14	49	47	– 1	ENE	5	b	2	66	43	0·47
Biarritz	29·86	55	W	7	r	29·84	+·05	54	52	+ 2	E	5	0	5	61	48	0·63
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·78	+·07	52	52	+ 9	W	1	f	*	53	41	0·04
Charleville ...	?29·74	49	NE	1	c	?29·79	+·11	51	50	+ 6	N	4	r	*	57	39	–
Paris	29·80	53	N	1	0	29·80	+·09	50	48	+ 4	NW	3	0	*	*	*	0·04
Lyons	29·79	49	NW	1	c	29·83	+·16	47	45	+ 1	NW	3	r	*	54	45	–
Toulon	29·62	57	NW	7	c	29·75	+·19	49	45	– 1	NW	7	b	5	63	45	–
HIGH LEVEL STATION.						**Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.**											
Hawes Junction	28·59	52	SSW	1	bm	28·64	+·13	52	48	+ 4	S	2	b	*	58	39	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ..	29·79	61	55	SSE	2	bc	4
Sumburgh Head	29·66	55	54	SSE	4	0	3
Stornoway ...	29·60	57	53	WSW	4	0	3
Aberdeen ...	29·70	59	55	S	4	c	2
Shields	29·77	59	57	SE	3	bm	2
Ardrossan ...	29·71	57	56	SW	3	bc	3
Mullaghmore ..	29·71	55	53	WSW	3	0	2
Holyhead	29·76	58	54	S	3	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·79	54	51	SW	1	0 g	1
Scilly	29·73	57	56	NNW	2	0	4
Dover	29·77	57	52	ENE	2	bc	1
London ...	29·77	61	50	E	2	b	*
Yarmouth ...	29·80	59	55	E	3	bc	5
Jersey... ...	29·77	56	53	SE	2	b	2
Rochefort ...	29·74	59	55	NW	8	r	2
Ben Nevis (4406 ft) Sam. on 15th	25·21	42	42	S	3	f	Max. 44 Min. 34 Rain 0·30

The barometer continues to fall slowly in Ireland and at Stornoway, but is rising elsewhere; the wind remains E.ly over our SE.n counties and N.ly at Scilly, but is becoming S.ly very generally over Ireland and the N.n parts of Gt. Britain. The weather is fine over England.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast. p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY 17th SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Fred.k Tangerfield. Lith. Lovers Garden.

WEATHER CHARTS

for 8 a.m. on Sunday 17th September 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,— ⟫⟶ = forces above 10; ⟶ = forces 8 to 10; ⟶ = forces 5 to 7; ⟶ = forces 1 to 4; ⊙ = dead calm.

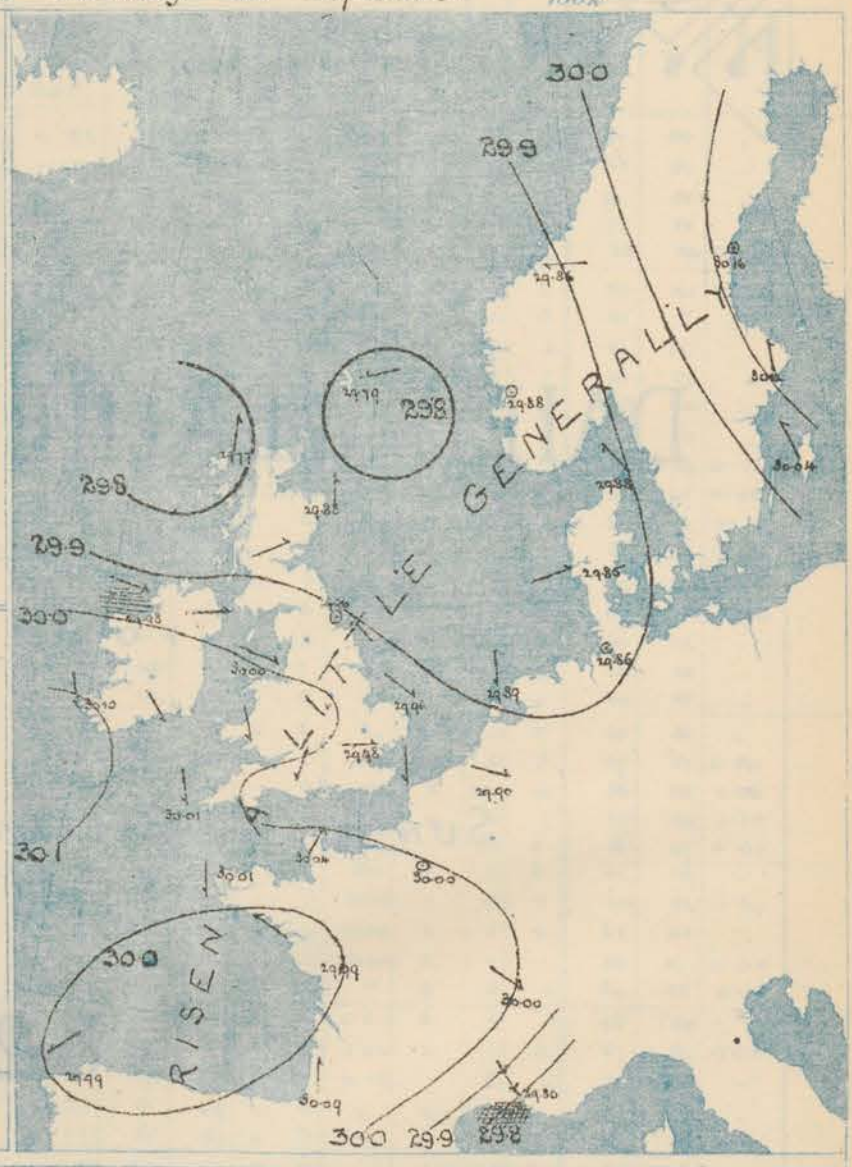
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 819
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

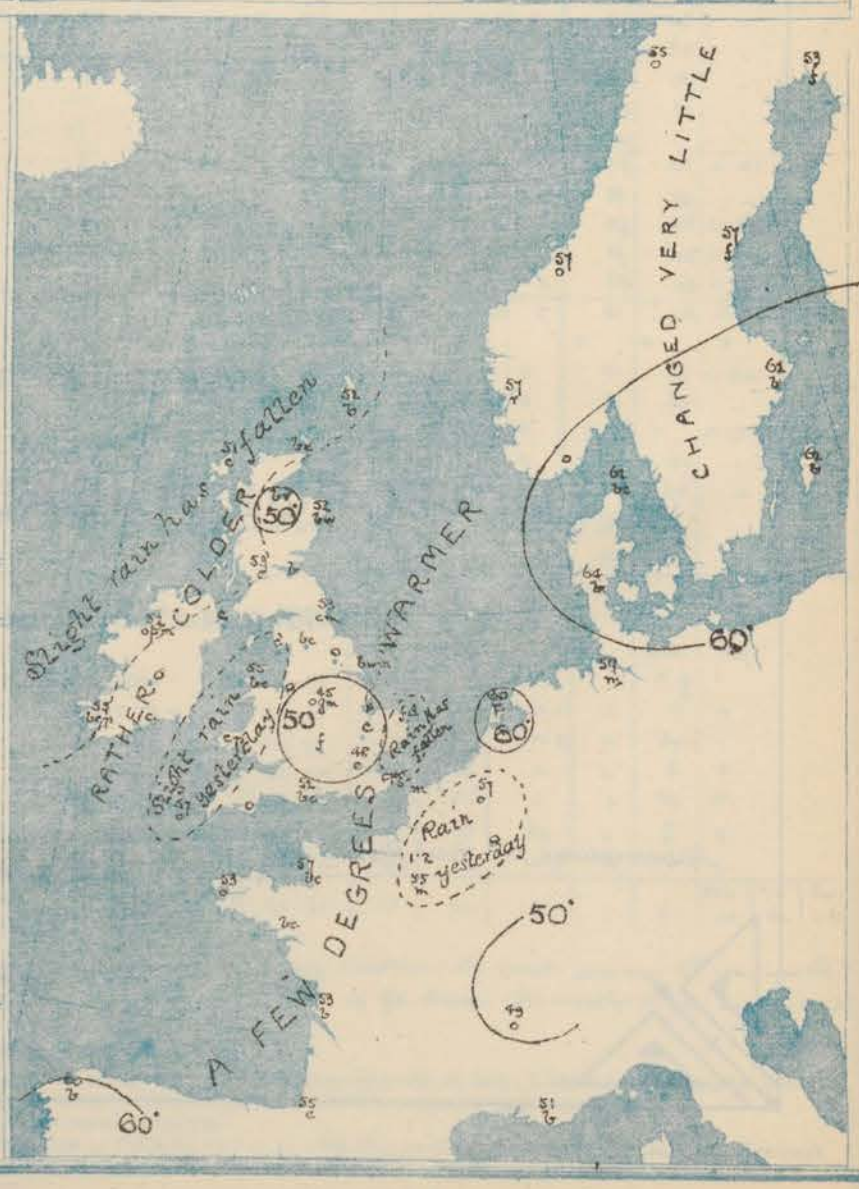
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	56·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY 17th SEPT 1882 at 8 a.m.

This morning's observations show that the two high pressure areas over northern Europe and the other off our SW. coast — still hold their own, and that the barometer is rising generally; shallow depressions are found off the NW. and NE. of Scotland and another over the Bay of Biscay. Thus, while varying SWly. winds prevail over the northern part of the Kingdom, NWly. breezes are felt in the south, and Ely. to SEly. over Scandinavia. Over England the weather is fair, but foggy, in Ireland dull and cloudy but in Scotland fine and bright. Temperature (after being low again in the night) is rising generally. Sea is smooth or nearly so on all our coasts.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E		8. ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Fredk Dangerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 17th SEPTR 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry	Shade Temp. Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·12	53	SW	2	f	30·15	+ ·18	53	51	— 2	SW	1	f	*	55	50	—
Hernösand	30·12	55	Z	0	f	30·16	+ ·12	57	57	+ 2	Z	0	f	*	64	52	—
Stockholm ..	30·14	57	SE	2	b	30·12	+ ·02	62	60	— 1	S	2	b	*	70	55	—
Wisby	29·98	59	SSE	6	b	30·04	+ ·03	62	58	0	SSE	4	b	*	74	57	—
Bodö	29·96	54	Z	0	o	30·02	+ ·14	55	54	0	SE	2	o	1	57	54	—
Christiansund...	29·89	58	Z	0	c	29·86	·00	57	55	0	E	1	o	0	63	52	—
‡Skudesnaes ...	29·93	57	Z	0	o	29·88	— ·05	57	55	+ 1	Z	0	r	2	?	55	—
Oxö (Xtiansund) ...	29·89	60	NNE	4	o	29·84	— ·08	61	60	+ 6	NNE	2	o	1	?	59	—
Skagen (The Skaw)	29·90	63	E	2		29·88	— ·03	62	61	+ 2	SE	3	bc	2	66	57	—
Fanö ...	29·83	61	Z	0	b	29·85	+ ·02	64	63	+ 9	WSW	1	b	*	72	54	—
Cuxhaven ..	29·82	?	ENE	1	b	29·86	+ ·09	59	59	0	Z	0	m	*	66	52	—
‡Sumburgh Head	29·77	52	S	3	r	29·79	+ ·12	52	50	— 2	ENE	?	b	3	54	46	0·04
‡Stornoway	29·74	53	SSW	5	c	29·77	+ ·11	51	49	0	SSW	4	c	3	56	45	0·03
Wick	29·79	51	SW	2	bc	29·81	+ ·11	53	49	— 1	SW	2	bc	2	59	45	0·02
Nairn ...	29·81	57	SW	1	b	29·84	+ ·15	50	47	— 2	SSW	1	b	1	58	44	—
‡Aberdeen ...	29·83	56	WSW	1	c	29·88	+ ·12	52	48	— 3	S	1	bw	1	59	38	—
Leith	29·85	55	SW	1	c	29·89	+ ·13	52	49	— 2	WSW	1	b	*	65	47	—
‡Shields	29·89	56	WSW	2	c	29·96	+ ·10	53	51	+ 2	Z	0	om	2	60	49	—
Spurn Head	29·89	57	ESE	3	bc	29·94	+ ·05	52	52	+ 3	WNW	3	bm	2	61	47	—
York	29·90	57	W	1	b	29·99	+ ·08	54	52	+ 12	NW	1	o	*	65	41	—
Loughborough .	29·92	56	Z	0	b	30·00	+ ·08	45	44	+ 3	Z	0	ogm	*	66	39	—
‡Ardrossan ...	29·88	55	W	2	bc	29·92	+ ·15	53	53	0	WSW	3	c	2	57	51	0·01
‡Mullaghmore ..	29·90	54	WSW	5	o	29·98	+ ·16	52	48	— 2	WNW	5	omp	5	59	49	0·28
Donaghadee ...	29·92	55	WNW	2	c	29·97	+ ·16	58	49	— 1	W	3	c	1	60	46	—
Parsonstown ...	29·97	55	W	1	o	30·05	+ ·15	49	48	— 3	W	1	o	*	60	46	—
Barrow-in-Furness	29·89	55	WNW	3	c	29·96	+ ·14	54	52	+ 2	NE	2	c	2	56	51	0·04
‡Holyhead ...	29·95	55	Z	0	os	30·00	+ ·15	55	52	0	WNW	3	bc	2	58	50	0·04
Liverpool (Bidston)	29·93	55	WSW	1	o	29·99	+ ·13	54	51	+ 3	WSW	1	o	1	62	51	—
‡Valencia	30·00	55	W	2	os	30·10	+ ·17	55	51	+ 1	NNW	1	bcp	1	62	48	0·05
Roche's Point...	29·96	52	NNW	3	c	30·06	+ ·19	52	49	— 2	NW	2	c	3	59	49	—
Pembroke ...	29·94	56	W	2	c	30·00	+ ·13	54	52	— 3	NNW	2	cp	1	57	52	0·08
‡Scilly	29·95	57	NW	3	op	30·01	+ ·13	57	53	0	NNW	4	o	4	61	53	0·08
Prawle Point ...	29·98	55	SW	2	b	30·00	+ ·07	55	55	— 2	NE	1	o	1	62	49	—
Hurst Castle ..	29·94	60	NW	2	m	29·99	+ ·09	52	50	+ 1	NNE	1	bc	*	66	44	—
‡Dover	29·90	59	NNE	3	omp	29·98	+ ·16	56	53	+ 1	N	3	cp	1	61	54	0·08
‡London	29·91	60	NNW	1	bcm	29·98	+ ·11	48	46	+ 4	W	1	c	*	62	43	—
Oxford	29·97	50	W	1	b	30·00	+ ·07	45	45	+ 1	Z	0	f	*	67	39	—
Cambridge ..	29·92	58	SW	3	c	29·98	+ ·08	49	48	0	N	1	c	*	64	40	—
‡Yarmouth ...	29·90	59	W	2	bc	29·96	+ ·12	56	55	— 2	NW	1	fd	2	61	53	0·04
The Helder ...	29·88	60	NNE	1	o	29·89	+ ·08	60	58	+ 2	N	1	c	2	63	59	—
Cape Gris Nez	29·91	59	NNE	5	o	29·97	+ ·13	58	56	0	N	3	m	2	61	57	—
‡Jersey	30·00	56	NNW	1	b	30·04	+ ·11	57	54	0	SW	1	bc	1	61	56	—
Brest	30·01	58	SW	3	o	30·01	+ ·10	53	52	+ 2	N	1	o	2	63	50	—
Lorient	29·96	53	WNW	4	b	? 29·99	+ ·12	53	52	+ 5	ESE	3	bc	2	63	45	—
‡Rochefort ...	29·91	61	NW	5	b	29·99	+ ·14	53	52	+ 4	?	3	b	2	74	45	—
Biarritz	29·99	60	N	3	b	30·09	+ ·25	55	53	+ 1	S	1	c	2	63	50	—
Corunna	*	*	*	*	*	29·99		60	59		NE	4	b	3	73	57	—
Brussels	*	*	*	*	*	29·90	+ ·12	57	57	+ 5	WNW	3	o	*	62	57	0·04
Charleville ...	29·71	49	W	3	o	? 29·94	+ ·15	52	50	+ 1	NW	4	o	*	55	?	0·24
Paris	29·88	57	Z	0	b	30·00	+ ·20	55	54	+ 5	Z	0	m	*	*	*	1·19
Lyons	29·96	58	NW	1	o	30·00	+ ·17	49	47	+ 2	NW	4	o	*	57	44	—
Toulon	29·84	56	NW	1	b	29·90	+ ·05	57	47	+ 2	NW	8	b	7	63	48	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·70	50	ENE	1	c	28·75	+ ·11	50	48	— 2	SSW	1	c	*	56	45	0·01

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·92	65	57	Z	0	c	3
Sumburgh Head	29·73	52	50	WSW	3	o	4
Stornoway ...	29·70	56	51	S	5	cq	4
Aberdeen ...	29·80	57	55	S	4	c	2
Shields	29·86	59	53	WSW	2	cm	2
Ardrossan ...	29·88	56	55	SSW	3	bc	2
Mullaghmore ...	29·88	58	52	W	4	bc	2
Holyhead... ...	29·90	58	52	WNW	2	c	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·98	59	53	WNW	3	c	2
Scilly	29·93	59	56	W	2	o	3
Dover	29·87	58	56	N	4	omp	1
London ...	29·91	62	55	NW	2	o	*
Yarmouth ...	29·85	60	58	N	3	bc	3
Jersey... ...	29·97	61	55	WNW	2	b	2
Rochefort ...	29·87	72	64	NW	3	bc	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Max.	Min.	Rain
Ben Nevis 4406 ft. Snow on 16th	25·27	36	36	WNW	3	f	43	34	067

Two distinct areas of high pressure are still reported, one over our S.W. district, the other over N. Europe. W. to NW. winds prevail over the S. part of the Kingdom, SW. and S. winds in the N. The weather though cloudy is fair generally. The sea is smooth both at Holyhead & Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY, 18th SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 21 Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on *Monday 18th September* 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,— ⟶ - forces above 10; ⟶ - forces 8 to 10; ⟶ - forces 5 to 7; ⟶ - forces 1 to 4; ⊙ - dead calm.

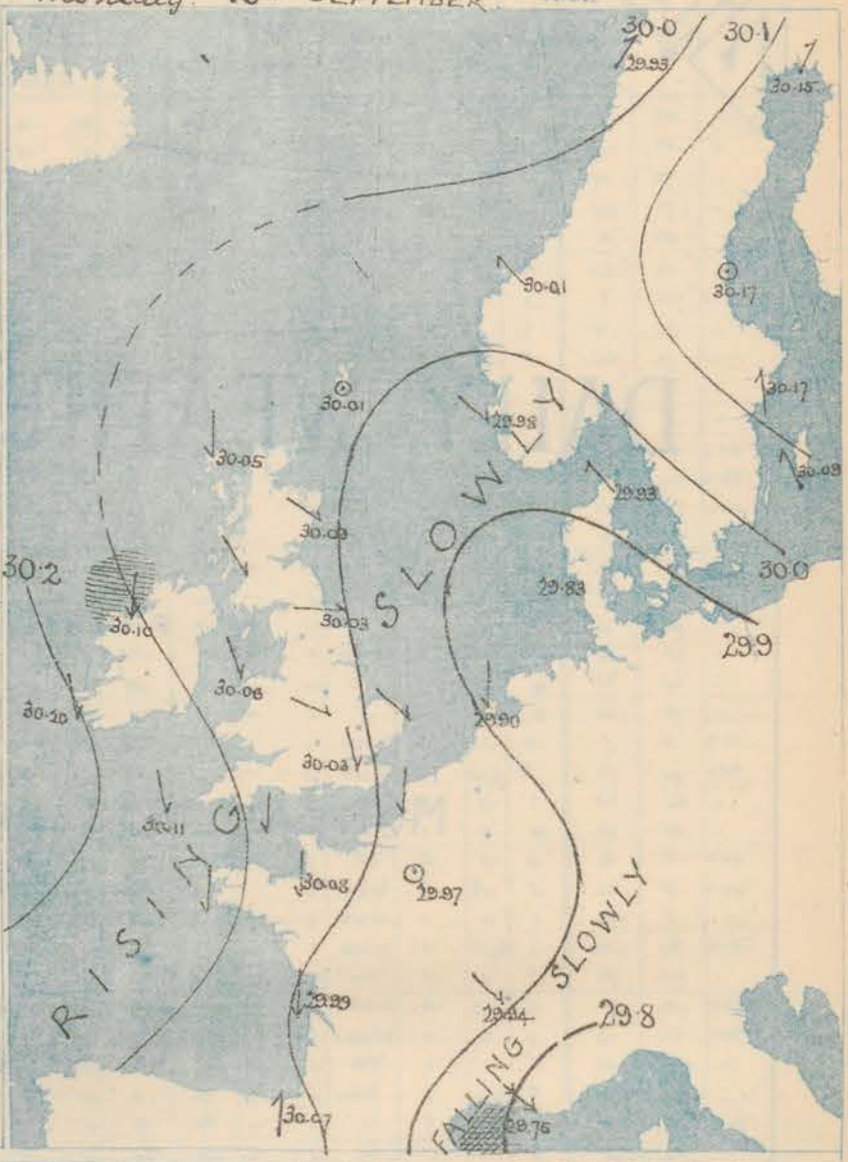
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▨ - Rough; ▩ - High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valenna	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

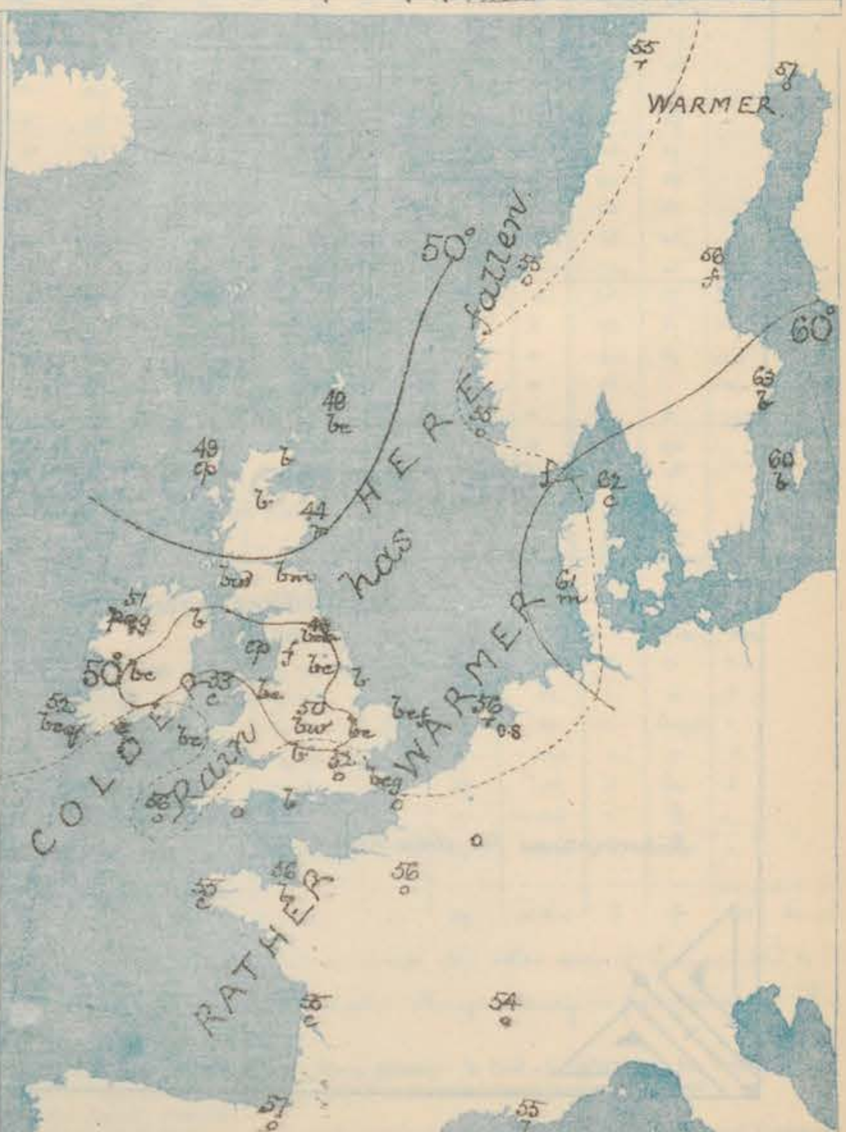
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 18th SEPT 1882 at 8 a.m.

A further rise of the barometer is reported today from the whole of our stations, but a slight fall in the E. of France. The rise varies from 0·28 in at Stornoway and 0·10 in at Valencia to 0·01 in at the Helder, but appears now to have ceased in the W. of Ireland. Pressure is still relatively high over Nn Europe and to the Wd of Ireland, low over the Netherlands, Germany and the SE. of France. Temperature is rather higher over the S. half of England, but lower in Scotland than it was yesterday. The maxima recorded yesterday were as high as 69° in London, and 66° at York and Cambridge, but in the night the thermometer fell to 41° over our N. Midland Counties, and to between 44° and 47° in the south. The wind is light to moderate generally, and is N by W to NW by W in direction at our own stations, as well as in the W. and N. of France. Showers of rain fell yesterday in several places, but were slight in most districts. The weather is now fine over England, but showers are still reported in some parts of Scotland and Ireland. The sea is smooth except off the W. of Ireland and at Cape Gris Nez.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

19th SEPTr

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N by W to NW by W breezes, moderate; fine generally.	6 SCOTLAND WEST	N by W breezes, moderate; some showers otherwise fair.
1 SCOTLAND EAST	----D°--------D°--------D°----	7 ENGLAND N.W.	----D°--------D°--------D°----
2 ENGLAND N E	NW by W to N by W breezes, light; fine, night cold and foggy inland.	8. ENGLAND S.W	NW by W breezes, moderate; a few showers locally, otherwise fair.
3 ENGLAND EAST	----D°--------D°--------D°----	9 IRELAND NORTH	NW by W breezes, moderate; showery in the W. districts; fine in the E.
4 MIDLAND COUNTIES	----D°--------D°--------D°----	10 IRELAND SOUTH	----D°--------D°--------D°----
5 ENGLAND SOUTH	NW by W breezes, light; fine generally.	WARNINGS	NONE ISSUED.

Fredk Dangerfield, 21 Bedford St Covent Garden, London

METEOROLOGICAL OBSERVATIONS FOR 18th Septr 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·14	54	SW	2	b	30·15	·00	57	56	+ 4	SW	2	0	*	?	50	–
Hernösand	30·07	57	S	2	0	30·17	+·01	56	56	– 1	S	0	f	*	65	55	–
Stockholm ...	30·12	59	SSE	2	b	30·17	+·05	63	59	+ 1	S	2	b	*	68	55	–
Wisby	30·03	62	ESE	6	b	30·09	+·05	60	57	– 2	SSE	4	b	*	70	57	–
Bodö	29·88	60	ENE	2	r	29·93	–·09	55	55	0	SW	2	r	1	61	54	0·34
Christiansund...	29·88	56	NW	3	r	29·01	+·15	55	53	– 2	SE	1	0	2	59	50	0·16
‡Skudesnaes ...	29·96	55	SE	1	0	29·98	+·10	55	52	– 2	NW	2	0	2	?	55	–
Oxö (Xtiansund) ...	29·90	60	S	1	f	29·91	+·07	59	59	– 2	NE	4	f	2	61	57	0·12
Skagen (The Skaw)	29·93	61	SSE	2	b	29·93	+·05	62	61	0	SE	3	c	1	68	57	–
Fanö ...	29·89	60	NE	3	r	29·83	–·02	61	61	– 3	?	?	m	*	?	59	0·28
Cuxhaven ..														*			
‡Sumburgh Head	29·81	54	SSW	3	bc	30·01	+·22	49	47	– 3	S	0	bc	2	56	42	–
‡Stornoway ...	29·83	50	WSW	4	c	30·05	+·28	49	43	– 2	N	4	cp	3	54	44	0·06
Wick	29·83	53	NW	2	bc	30·02	+·21	46	45	– 7	NW	1	b	2	59	34	0·08
Nairn ...	29·89	50	WSW	1	b	30·04	+·20	44	41	– 6	S	0	b	1	59	39	0·04
‡Aberdeen ...	29·89	55	SW	2	bc	30·03	+·15	44	43	– 8	WNW	2	p	1	61	37	0·01
Leith	29·94	52	NW	3	c	30·00	+·11	52	46	0	W	1	bm	*	58	39	0·03
‡Shields	29·97	55	WSW	1	0	30·03	+·07	49	46	– 4	W	2	bcm	2	57	46	–
Spurn Head ..	29·97	57	ESE	2	c	29·99	+·05	50	50	– 2	NW	3	b	2	61	50	0·02
York	30·00	55	NNW	1	0	30·03	+·04	244	44	– 10	N	1	bc	*	66	41	–
Loughborough .	30·00	57	W	2	0	30·04	+·04	50	47	+ 5	WNW	3	bm	*	62	41	0·01
‡Ardrossan ...	29·95	52	W	1	0	30·03	+·11	53	52	0	NW	1	bm	1	57	44	0·01
‡Mullaghmore ...	30·05	52	WNW	6	c	30·10	+·12	51	49	– 1	N	5	qpq	5	57	49	0·22
Donaghadee ...	30·03	51	W	2	b	30·07	+·10	48	48	– 2	WNW	4	b	?	?	?	–
Parsonstown ...	30·11	52	S	1	0	30·15	+·10	46	44	– 3	W	1	bc	*	58	42	0·05
Barrow-in-Furness	29·99	57	W	2	bc	30·02	+·06	49	48	– 5	NW	1	op	2	59	48	0·08
‡Holyhead ...	30·05	54	W	3	c	30·06	+·06	53	50	– 2	NNW	4	c	2	58	56	–
Liverpool (Bidston)	30·02	53	W	3	bc	30·03	+·04	49	48	– 5	W	1	bc	2	58	47	0·35
‡Valencia	30·19	55	NW	3	c	30·20	+·10	52	48	– 3	NNW	3	bcq	4	60	50	0·03
Roche's Point...	30·11	55	NW	4	bc	30·14	+·08	51	49	– 1	NW	4	bc	3	60	48	–
Pembroke ...	30·08	56	WNW	2	bc	30·10	+·10	51	49	– 3	NW	2	bc	2	57	51	–
‡Scilly	30·10	56	NNW	4	c	30·11	+·10	56	52	– 1	NNW	4	0	4	59	55	0·01
Prawle Point ...	30·04	56	N	2	c	30·10	+·10	53	50	– 2	NNW	1	0	1	62	45	..
Hurst Castle ...	30·01	59	W	2	c	30·05	+·06	51	49	– 1	N	1	b	1	63	46	–
‡Dover	29·98	59	Z	0	b	29·97	–·01	55	54	– 1	N	4	bcq	1	63	52	0·02
‡London	29·98	62	W	1	c	30·03	+·05	53	49	+ 5	NNW	2	0	*	69	47	–
Oxford	30·04	55	NNW	1	0	30·06	+·06	50	47	+ 5	NW	1	b	*	64	44	–
Cambridge ..	29·99	59	NW	1	0	30·03	+·05	50	49	+ 2	N	1	bc	*	66	46	0·01
‡Yarmouth ...	29·97	59	N	1	bc	29·97	+·01	54	53	– 2	NW	1	bcf	2	61	50	–
The Helder ...	29·95	55	N	3	r	29·90	+·01	56	55	– 4	N	3	r	2	61	55	0·75
Cape Gris Nez	29·98	57	N	1	m	29·93	–·04	56	55	– 2	N	5	0	4	64	54	–
‡Jersey	30·05	57	WNW	2	bc	30·08	+·04	56	53	– 1	N	3	b	3	62	52	0·05
Brest	30·08	56	NNE	5	b	30·13	+·12	55	51	+ 2	N	3	c	3	63	50	–
Lorient																	
‡Rochefort ...	30·02	61	NW	4	c	29·99	·00	55	55	+ 2	N	5	c	2	66	48	0·28
Biarritz	30·08	64	NE	3	bc	30·07	–·02	57	54	+ 2	S	3	0	4	66	50	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*									*			
Charleville ...														*			
Paris	29·97	60	Z	0	0	29·97	–·03	56	53	+ 1	Z	0	0	*	*	*	–
Lyons	30·02	50	ENE	1	r	29·94	–·06	54	51	+ 5	NW	3	0	*	56	49	0·24
Toulon	29·81	58	NW	8	bc	29·75	–·05	55	51	+ 4	NW	9	b	7	64	50	–
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·76	48	W	1	b	28·79	+·04	43	43	– 7	NE	1	f	*	54	37	0·04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·91	58	55	Z	0	0	2
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ...							
Mullaghmore ...							
Holyhead... ...							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.			
Valencia ...										
Scilly										
Dover										
London ...							*			
Yarmouth ...										
Jersey										
Rochefort ...	30·03	64	59	NNW	4	c	2			
Ben Nevis (4406 Ft) 9 a.m. on 17th.	25·34	34	34	W	4	f		Max 36	Min 33	Rain 0·21

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* **AN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark; and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY, 19TH SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 19th SEPTEMBER. 1882

BAROMETER, WIND & SEA.

Explanation of Map.

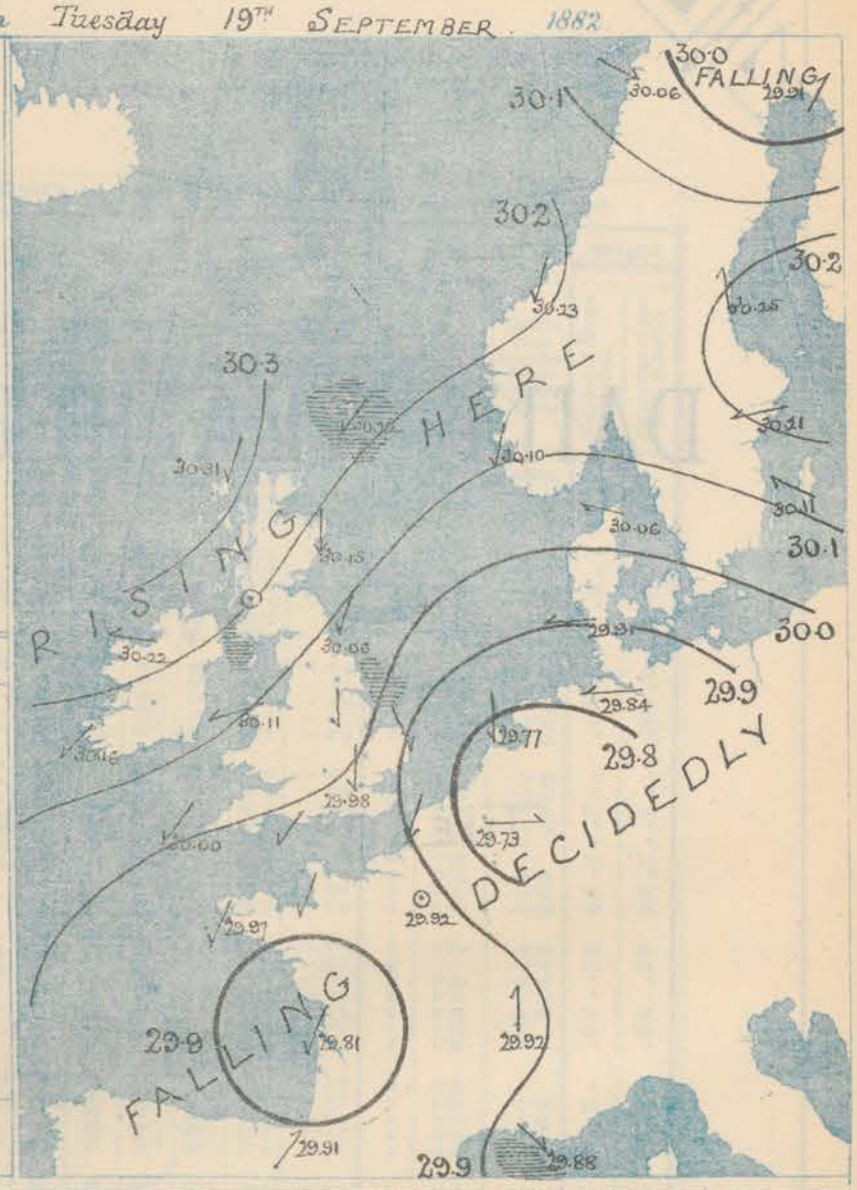
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 819
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

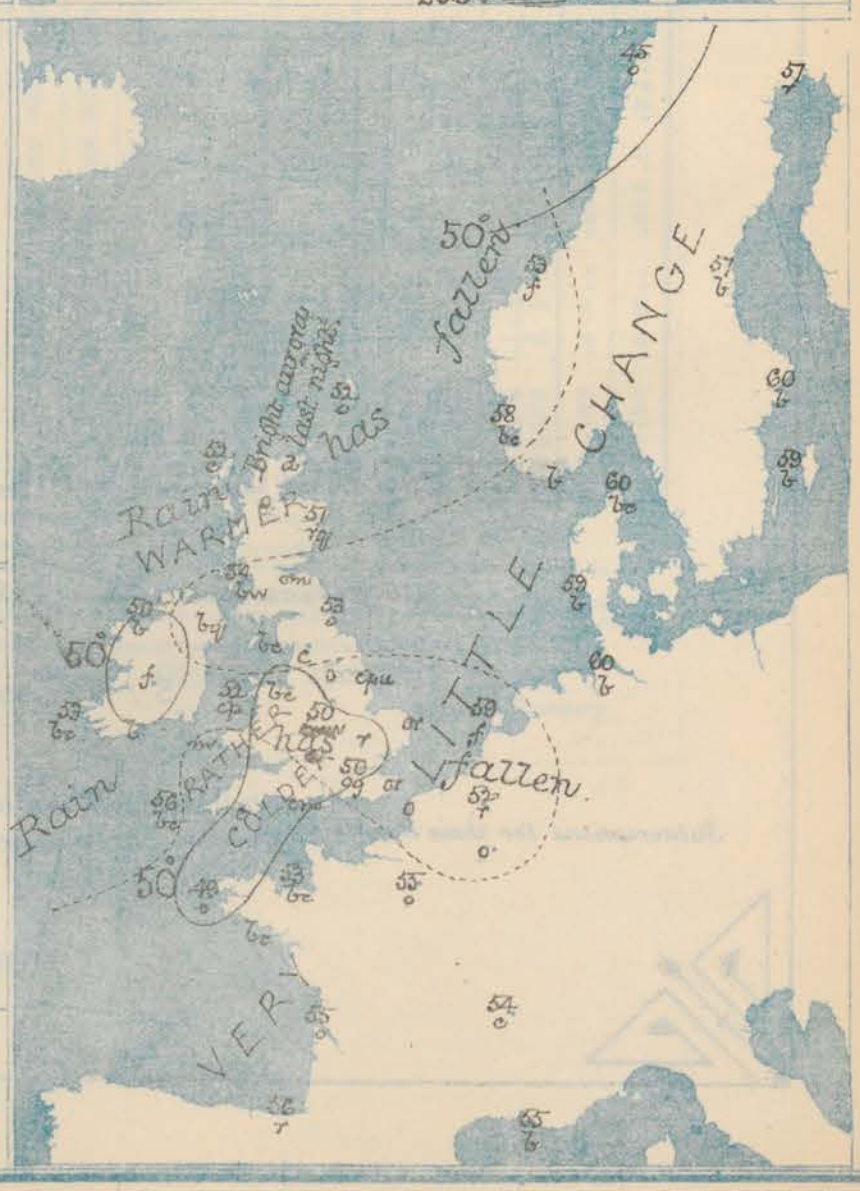
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 19th SEPT. 1882 at 8 a.m.

The slight fall of the barometer which commenced over France yesterday morning has continued somewhat decidedly and has spread to our S. and E. stations. Pressure is now highest off our NW. coasts, lowest over the Netherlands and the SW. of France, the gradients over our Islands being moderate for N. and NE. winds. Temperature has fallen a little over England but has not changed much elsewhere. Moderate to fresh N. breezes now prevail along our NE. and E. coasts, and moderate NE. breezes in Ireland, the Channel and west of France. On the coast of Holland the wind is E. while at Brussels it is W. A steady rain has set in at our E. and NE. stations this morning, and although the sky is clear in most other places showers are reported locally, and the general appearance is not at all settled. The sea is rather rough on our NE. and NW. coasts, moderate in the SE., slight or smooth elsewhere.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

20th SEPTEMBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N. and NE. winds, moderate and fresh; dull, wet, and unsettled, then finer.	6 SCOTLAND WEST	N. winds, freshening; rain at times.
1 SCOTLAND EAST	----- D° ------- D° ------- D° ----	7 ENGLAND N.W.	----- D° ------- D° ------- D° ----
2 ENGLAND N.E.	N. breezes, fresh; gusty, rainy.	8 ENGLAND S.W.	NE. winds, freshening; becoming dull and perhaps rainy.
3 ENGLAND EAST	----- D° ------- D° ------- D° ----	9 IRELAND NORTH	NE. winds, freshening; weather becoming showery in E. districts
4 MIDLAND COUNTIES	N. breezes, freshening; becoming unsettled, rain at times.	10 IRELAND SOUTH	----- D° ------- D° ------- D° ----
5 ENGLAND SOUTH	NE. breezes, moderate to fresh; rainy.	WARNINGS	NONE ISSUED

Frederick Daugerfield, 12 Stafford St. Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 19th Sept.r 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·10	54	SW	2	f	29·91	− ·21	57	57	0	SW	2	x	*	57	50	-
Hernösand	30·28	58	E	0	b	30·25	+ ·08	57	53	+ 1	S	4	b	*	63	55	-
Stockholm ...	30·24	55	E	2	b	30·21	+ ·04	60	58	− 3	E	2	b	*	68	55	-
Wisby	30·10	59	SSE	4	b	30·11	+ ·02	59	57	− 1	SE	4	b	*	69	55	-
Bodö	30·10	54	WSW	2	o	30·06	+ ·13	45	43	− 10	NNW	6	o	4	55	45	0·04
Christiansund...	30·13	55	NE	3	bc	30·23	+ ·22	53	51	− 2	NNE	4	f	3	57	48	0·08
‡Skudesnaes ...	29·99	54	E	2	o	30·10	+ ·12	58	55	+ 3	NNE	2	bc	2	?	?	-
Oxö (Xtiansund) ...	29·97	62	NE	6	b	30·05	+ ·14	57	54	− 2	NNE	6	b	3	63	57	-
Skagen (The Skaw)	29·99	62	E	3	b	30·06	+ ·13	60	57	− 2	ESE	3	bc	2	68	57	-
Fanö ...	29·87	59	E	4	b	29·91	+ ·08	59	58	− 2	E	4	b	*	72	55	-
Cuxhaven ..	29·82	?	NNE	?	m	29·84		60	59		E	4	b	*	64	55	-
‡Sumburgh Head	30·13	51	NE	2	bc	30·22	+ ·21	52	50	+ 3	NE	6	o	5	56	43	0·01
‡Stornoway ..	30·17	50	N	3	c	30·31	+ ·26	52	50	+ 3	NNE	4	c	3	52	45	0·01
Wick	30·15	50	E	0	b	30·25	+ ·23	53	51	+ 7	N	3	d	3	59	44	0·02
Nairn ...	30·11	51	E	0	b	30·26	+ ·22	51	49	+ 7	NE	3	o	3	56	43	0·01
‡Aberdeen ...	30·10	54	NNE	2	b	30·15	+ ·12	51	50	+ 7	N	5	rq	3	59	43	0·11
Leith	30·09	52	E	2	bc	30·16	+ ·16	49	47	− 3	W	1	omw	*	60	45	-
‡Shields	30·07	52	NE	2	bc	30·06	+ ·03	53	51	+ 4	NNE	4	o	3	53	46	-
Spurn Head ..	30·02	55	NNE	4	b	29·96	− ·03	55	54	+ 5	N	6	cpw	5	59	49	0·01
York	30·04	45	ENE	1	c	30·04	+ ·01	51	50	+ 7	NNW	2	o	*	64	43	-
Loughborough .	30·03	54	WNW	1	bc	30·03	− ·01	50	49	0	WNW	2	cmw	*	61	41	-
‡Ardrossan ..	30·09	53	WNW	1	b	30·19	+ ·16	54	52	+ 1	W	0	bw	0	59	43	-
‡Mullaghmore ...	30·16	53	NNE	5	c	30·22	+ ·12	50	48	− 1	E	4	b	2	57	48	0·05
Donaghadee ...	30·10	54	N	3	b	30·18	+ ·11	53	51	+ 3	NE	7	bq	5	58	48	-
Parsonstown ...	30·13	53	N	1	bc	30·19	+ ·014	45	44	− 1	N	1	f	*	57	42	0·02
Barrow-in-Furness	30·05	54	NE	2	bc	30·10	+ ·08	49	47	0	N	2	bc	1	61	44	-
‡Holyhead ...	30·07	54	NNE	3	b	30·11	+ ·05	52	50	− 1	ENE	2	cp	2	55	49	0·05
Liverpool (Bidston)	30·05	54	NW	1	b	30·09	+ ·06	48	46	− 1	NE	1	bc	1	56	45	0·02
‡Valencia	30·17	54	NNW	4	c	30·16	− ·04	53	50	+ 1	NE	3	bc	3	57	46	0·23
Roche's Point ...	30·12	52	N	1	bc	30·12	− ·02	50	47	− 1	NNE	4	b	3	57	49	0·04
Pembroke ...	30·06	50	N	2	b	30·06	− ·04	49	47	− 2	ENE	2	w	1	54	46	-
‡Scilly	30·07	55	N	4	c	30·00	− ·11	56	52	0	NE	3	bc	3	57	48	0·32
Prawle Point ...	30·05	53	NNW	2	c	30·00	− ·10	50	48	− 3	N	4	c	3	62	45	-
Hurst Castle ...	30·01	56	NE	1	c	30·00	− ·08	50	49	− 1	NE	4	cm	2	62	48	-
‡Dover	29·97	58	NNE	4	bc	29·91	− ·06	53	52	− 2	NNE	3	ow	2	61	52	0·03
‡London	30·00	59	N	2	b	29·98	− ·05	50	48	− 3	N	2	og	*	62	47	-
Oxford	30·03	49	NW	1	b	30·02	− ·04	47	46	− 3	NNW	3	o	*	62	43	-
Cambridge ..	30·02	50	N	1	b	29·96	− ·07	49	48	− 1	N	1	n	*	63	43	-
‡Yarmouth ...	29·99	57	N	2	bc	29·88	− ·09	54	54	0	NNW	4	ow	4	60	52	0·19
The Helder ...	29·90	55	N	5	n	29·77	− ·13	59	59	+ 3	N	3	f	2	59	54	0·63
Cape Gris Nez	29·97	57	NE	5	bc	29·89	− ·04	56	55	0	NNE	5	o	4	63	55	-
‡Jersey	30·04	54	N	1	c	29·96	− ·12	53	50	− 3	NNE	1	bc	1	59	49	-
Brest	30·06	54	NNE	3	o	29·97	− ·16	49	47	− 6	NNE	3	o	2	57	46	-
Lorient	?30·00	57	N	4	c	?29·90		51	48		ENE	5	bc	2	64	48	-
‡Rochefort ...	29·94	62	NW	5	o	29·81	− ·18	55	54	0	NNE	3	o	2	66	50	-
Biarritz	30·05	58	W	4	o	29·91	− ·16	56	54	− 1	SW	4	n	3	64	52	0·32
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·73	-	52	52	-	W	4	n	*	59	51	0·79
Charleville ...	?29·93	57	NE	4	o	?29·78	-	52	49	.	N	1	o	*	63	52	0·39
Paris	29·96	59	NW	3	o	29·92	− ·05	55	53	− 1	W	0	o	*	*	*	-
Lyons	29·98	55	ESE	1	o	29·92	− ·02	54	52	0	S	1	c	*	59	51	-
Toulon	29·84	62	NW	8	b	29·88	+ ·13	55	51	0	NW	7	b	5	66	52	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·83	49	NE	1	c	28·85	+ ·06	49	46	+ 6	NE	2	c	*	57	40	0·06

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·97	54	52	N	4	n	2
Sumburgh Head	30·07	55	51	NE	2	bc	2
Stornoway ...	30·13	51	49	N	4	c p	3
Aberdeen ...	30·06	57	52	N	3	c	1
Shields	30·04	53	50	NNE	2	b	2
Ardrossan ...	30·07	58	56	NNW	1	c	1
Mullaghmore ...	30·04	54	52	NNE	4	c p r	3
Holyhead	30·06	54	51	NNW	4	p	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·19	54	51	NNW	4	c q f	5
Scilly	30·08	56	52	NNW	3	c	4
Dover	29·97	60	55	NNE	4	bc	1
London ...	29·99	60	52	NNW	2	o	*
Yarmouth ...	29·98	60	54	N	3	bc	3
Jersey	30·06	59	53	NNE	2	c	2
Rochefort ...							
Ben Nevis (4406 ft) Sept. 18th.	28·50	33	32	2	0	f	Max. 38 Min. 31 Rain 0·37

The barometer continues to rise at all the our W.rn and S.rn stations, while it has fallen a little N.ly winds of moderate strength now prevail all over the Kingdom and the weather is fair over England, but continues showery in the W and N.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield Lith. 21 Retford St Covent Garden

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 20TH SEPTEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

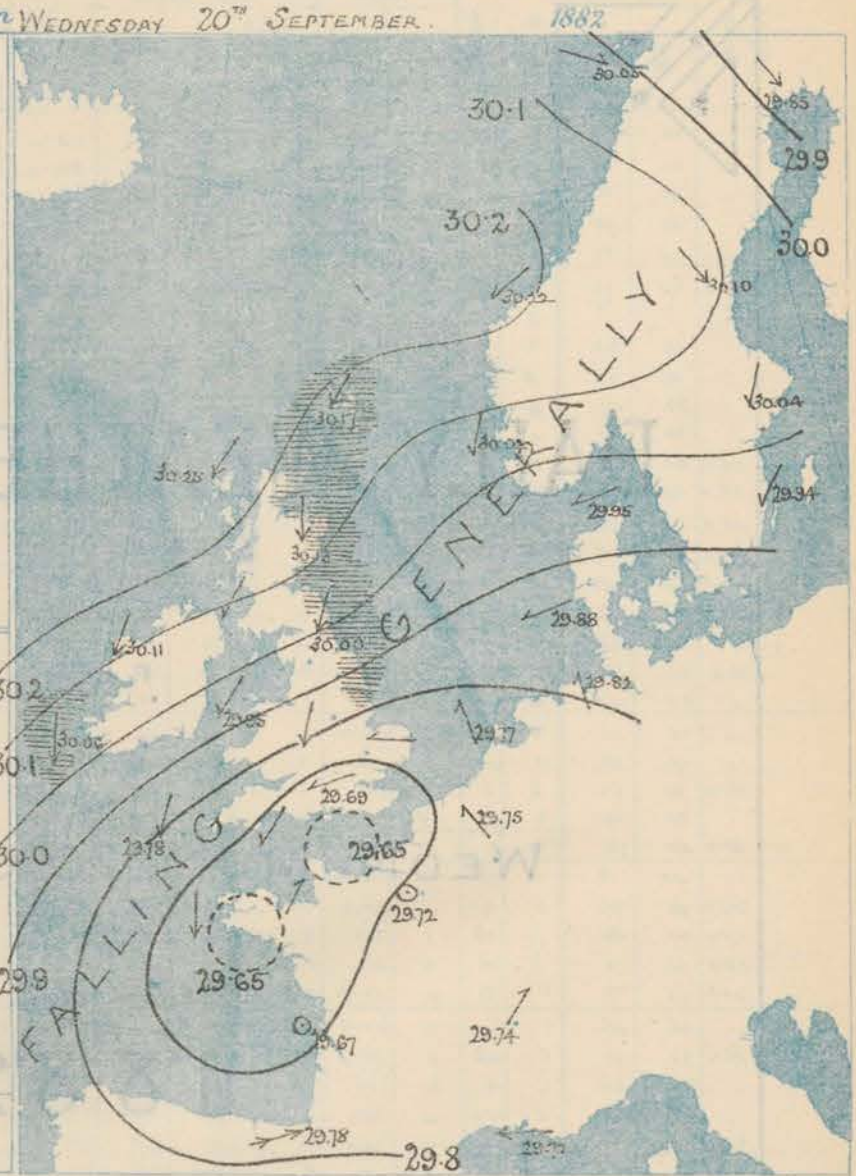
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
»→ - forces above 10; ›→ - forces 8 to 10
→ - forces 5 to 7; —→ - forces 1 to 4;
⊙ - dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▒ = Rough; ▒ = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greenoastle	29 . 818
Holyhead	29 . 857
Valenaa	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

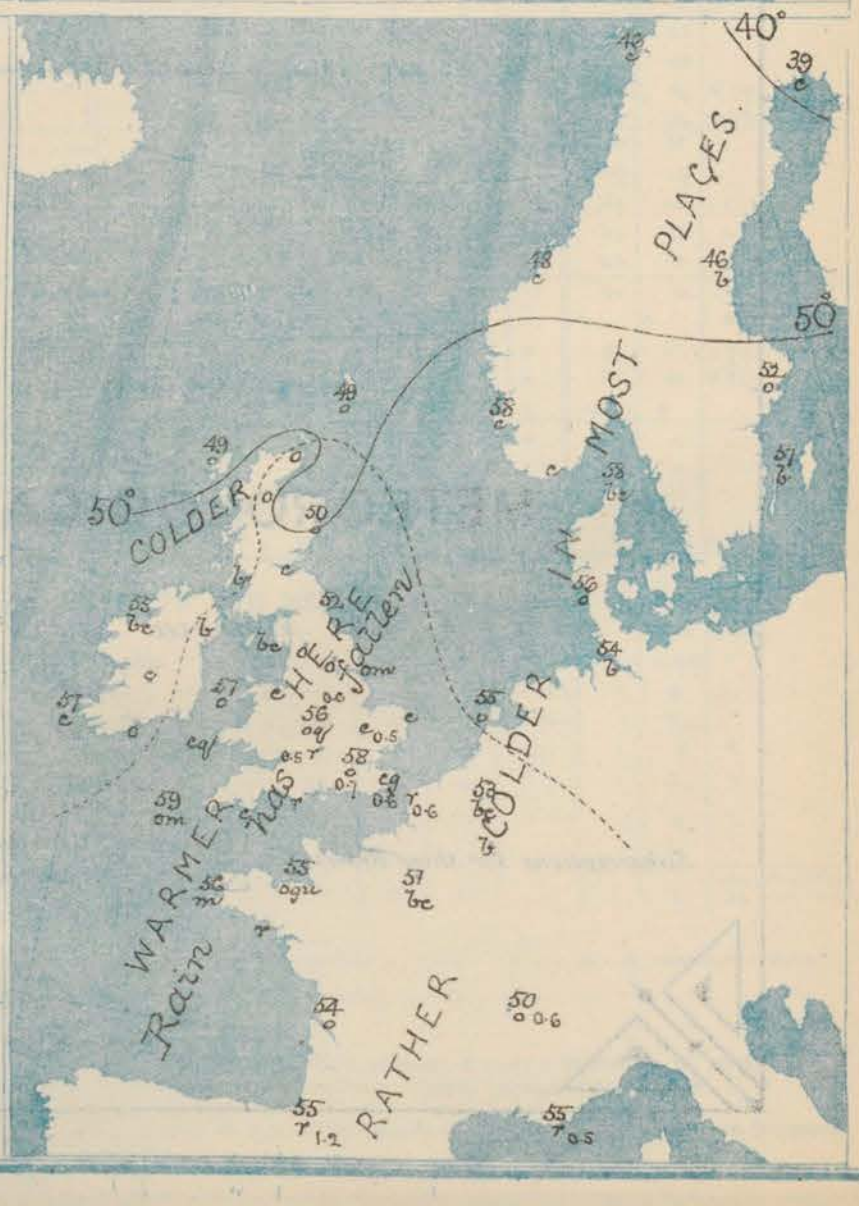
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of September.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Paramstown	56·8	3.68
Valenaa	56·4	5.19
Scilly (St. Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for WEDNESDAY 20th SEPT 1882 at 8 a.m.

The depression which showed itself over Holland yesterday has travelled slowly to the SWwd and its centre is now over the Channel between the Sussex coast and Havre, while the smaller disturbance which appeared over the SW. of France has moved Nwds to Brittany. Over the British Islands there are moderate gradients for NEly winds, while over France there are very slight gradients for SWly and Wly. NEly winds are blowing all over our Islands; they are fresh in most places, but blow strongly along our NE. coasts. Temperature has risen very generally over England and Ireland, but has fallen over France. A large amount of rain has fallen over the Sn, En, and NEn parts of the Kingdom, and in several places the fall continues. In Ireland, however, the weather is fair generally. The sea is rough on our north-east coasts, moderate in the west and south-west, smooth in the eastern part of the Channel.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the 21st SEPTEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NEly to Nly winds, strong to moderate; some rain.	6 SCOTLAND WEST	NEly winds, fresh, showery.
1 SCOTLAND EAST	----- D° ------- D° ------- D° ---	7 ENGLAND N.W.	----- D° ------- D° ------- D° -----
2 ENGLAND N.E.	NEly winds, strong, showery	8 ENGLAND S.W.	NEly winds, fresh; some showers with bright intervals.
3 ENGLAND EAST	----- D° ------- D° ------- D° ---	9 IRELAND NORTH	NEly winds, fresh; some showers in the En districts, fair in the W.
4 MIDLAND COUNTIES	----- D° ------- D° ------- D° ---	10 IRELAND SOUTH	----- D° ------- D° ------- D° ----
5 ENGLAND SOUTH	Ely breezes, fresh; showery to fair.	WARNINGS	The N. cone was hoisted in districts Nos 2 and 3 yesterday.

Printed by Longmans, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 20th Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Difference from 9 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand	30·14	50	NNW	6	b	30·10	−·15	46	41	− 11	NNW	6	b	*	?	?	–
Stockholm ...	30·07	55	Z	0	b	30·04	−·17	52	49	− 8	NNE	4	o	*	68	?	–
Wisby	30·02	56	ESE	2	b	29·94	−·17	57	54	− 2	ENE	2	b	*	72	54	–
Bodö	30·13	45	WNW	4	c	30·05	−·01	46	45	+ 1	WNW	2	c	2	46	41	–
Christiansund...	30·28	49	NNE	4	o	30·22	−·01	48	45	− 5	ENE	3	c	4	?	45	–
‡Skudesnaes ...	30·06	68	NE	2	c	30·02	−·08	58	54	0	NNE	2	c	2	68	?	–
Oxö (Xtiansund) ...	30·01	59	N	2	b	29·98	−·07	58	54	+ 1	NNE	6	c	3	61	57	–
Skagen (The Skaw)	29·99	59	E	2	b	29·95	−·11	58	56	− 2	ENE	3	bc	2	68	55	–
Fanö	29·90	59	ENE	4	b	29·88	−·03	56	56	− 3	ENE	4	o	*	70	54	–
Cuxhaven ..	29·83	?	E	3	b	29·82	−·02	54	53	− 6	SSE	1	b	*	63	50	–
‡Sumburgh Head	30·27	49	NE	5	o	30·17	−·05	49	46	− 3	NE	5	o	5	53	46	–
‡Stornoway ..	30·31	52	NE	6	m	30·25	−·06	49	48	− 3	NE	5	o	4	53	46	–
Wick	30·29	53	NE	5	o	30·20	−·05	53	47	0	N	4	o	3	58	47	0·10
Nairn ...	30·25	52	NE	5	r	30·21	−·05	50	49	− 1	NE	6	o	5	53	49	0·25
‡Aberdeen ...	30·18	55	NNE	5	o d	30·13	−·02	50	48	− 1	N	5	o	5	59	48	0·04
Leith	30·13	55	NE	2	o	30·12	−·04	52	49	+ 3	NE	5	c	*	57	47	0·05
‡Shields	30·00	54	NNE	5	r	30·00	−·06	52	52	− 1	NNE	6	r	6	58	50	0·08
Spurn Head ..	29·84	56	NNE	6	o	29·82	−·14	57	57	+ 2	NNE	6	om	6	57	55	–
York	29·91	57	E	3	o	29·90	−·14	55	54	+ 4	NE	5	o	*	59	51	0·01
Loughborough .	29·85	55	NNE	3	r	29·81	−·22	56	55	+ 6	NNE	5	og	*	57	50	0·38
‡Ardrossan ...	30·10	58	ESE	3	c	30·10	−·09	57	56	+ 3	NE	1	b	0	60	48	–
‡Mullaghmore ..	30·18	55	NNE	5	o	30·11	−·11	55	53	+ 5	NNE	5	bc	4	60	49	–
Donaghadee ...	30·10	55	NE	5	o	30·07	−·11	55	52	− 2	NNE	6	b	4	57	52	0·07
Parsonstown ...	30·14	55	NNW	1	o	30·05	−·14	54	52	+ 9	N	2	c	*	59	44	–
Barrow-in-Furness	29·96	58	NNE	3	bc	29·90	−·20	55	52	+ 6	NE	5	bc	3	58	49	–
‡Holyhead ...	29·99	55	N	6	qpm	29·95	−·16	57	55	+ 5	NE	4	o	4	58	52	0·02
Liverpool (Bidston)	29·94	55	NNW	3	o	29·90	−·19	55	53	+ 7	NNE	5	c	3	57	48	0·12
‡Valencia	30·17	55	N	3	b	30·06	−·10	57	55	+ 4	N	5	c	5	60	51	–
Roche's Point...	30·08	57	NNE	4	b	29·96	−·16	56	54	+ 6	NNE	5	o	4	63	49	–
Pembroke ...	29·96	53	N	3	r	29·83	−·23	57	56	+ 8	NNE	3	cg	2	58	48	0·02
‡Scilly	29·98	58	NNE	5	ou	29·78	−·22	59	58	+ 3	NNE	6	om	4	59	53	0·08
Prawle Point ...	29·91	54	N	3	o	29·70	−·30	56	56	+ 6	NE	5	c	4	62	48	0·32
Hurst Castle ...	29·82	51	NNW	4	r	29·66	−·34	56	56	+ 6	NE	3	r	2	57	49	0·37
‡Dover	29·68	56	NNE	4	omq	29·66	−·25	56	55	+ 3	E	4	cg	2	59	52	0·58
‡London	29·74	54	NNW	5	o d	29·69	−·29	58	57	+ 8	ENE	3	o	*	58	49	0·66
Oxford	29·80	53	N	4	o	29·71	−·31	57	57	+ 10	N	3	r	*	57	47	0·49
Cambridge ..	29·79	56	N	1	bc	29·71	−·25	59	58	+ 10	NE	1	c	*	59	48	0·51
‡Yarmouth ...	29·76	59	ENE	5	c	29·73	−·15	57	56	+ 3	E	4	c	4	60	53	0·39
The Helder ...	29·75	60	NE	3	c	29·77	·00	55	54	− 4	SSE	4	g	1	63	55	–
Cape Gris Nez	29·67	60	NNE	7	r	29·68	−·21	53	53	− 3	SE	1	r	2	61	52	0·55
‡Jersey	29·88	54	NE	3	om	29·64	−·32	55	55	+ 2	SW	3	ogm	3	59	50	0·42
Brest	29·88	55	N	4	c	29·68	−·29	56	55	+ 7	N	5	fm	3	61	46	0·04
Lorient	?29·82	53	S	3	m	?29·64	−·26	53	50	+ 2	W	4	r	2	61	46	–
‡Rochefort ...	29·76	61	NE	1	o	29·67	−·14	54	53	− 1	SE	1	o	1	70	48	0·32
Biarritz	29·87	59	W	7	r	29·78	−·13	55	54	− 1	WSW	8	r	4	61	48	1·18
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·75	+·02	53	51	+ 1	SE	3	bc	*	55	50	0·16
Charleville ...	?29·82	54	SW	4	o	?29·71	−·07	48	46	− 4	E	1	b	*	56	46	0·16
Paris	29·82	56	Z	0	o	29·72	−·20	51	50	− 4	Z	0	bc	*	*	*	0·04
Lyons	29·81	60	NE	1	o	29·74	−·18	50	49	− 4	SW	1	o	*	65	49	?0·63
Toulon	29·87	57	Z	0	o	29·72	−·16	55	55	0	E	7	r	4	63	50	0·47
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·74	53	NE	4	r	28·73	−·12	49	48	0	NE	6	o	*	54	49	0·06

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·08	68	60	W	2	bc	2
Sumburgh Head	30·27	52	49	NE	5	o	5
Stornoway ...	30·32	52	51	NNE	5	m	4
Aberdeen ...	30·15	56	55	NNE	5	om	4
Shields	29·98	55	55	N	5	o	4
Ardrossan ...	30·10	56	56	W	1	b	1
Mullaghmore ...	30·20	59	53	NNE	5	bv	4
Holyhead... ...	30·06	56	52	NNE	4	o	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·17	55	54	NE	4	bm	4
Scilly	29·99	59	56	NNE	4	c	3
Dover	29·73	53	52	N	4	or	2
London ...	29·83	53	52	NNW	2	o gr	*
Yarmouth ...	29·78	59	58	NNE	5	od	5
Jersey	29·93	57	53	NE	3	o	3
Rochefort ...	29·75	60	58	Z	0	o	5
Ben Nevis (4406 ft) 9 a.m. on 19th	25·65	34	33	NE	7	f	Max 36, Min 31, Rain 0·04

The depression which lay on Holland this morning is moving slowly to the SWrd. The wind on our E. coast is veering, and after blowing a moderate gale at the mouth of the Tyne, has become fresh at Aberdeen, Shields, and Yarmouth. At our Nn stations the barometer is still rising.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY, 21st SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s. per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 26 Bedford St. Covent Garden

WEATHER CHARTS

for 8 a.m. on Thursday, 21st SEPTEMBER. 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟫⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4,
⊙ = dead calm.

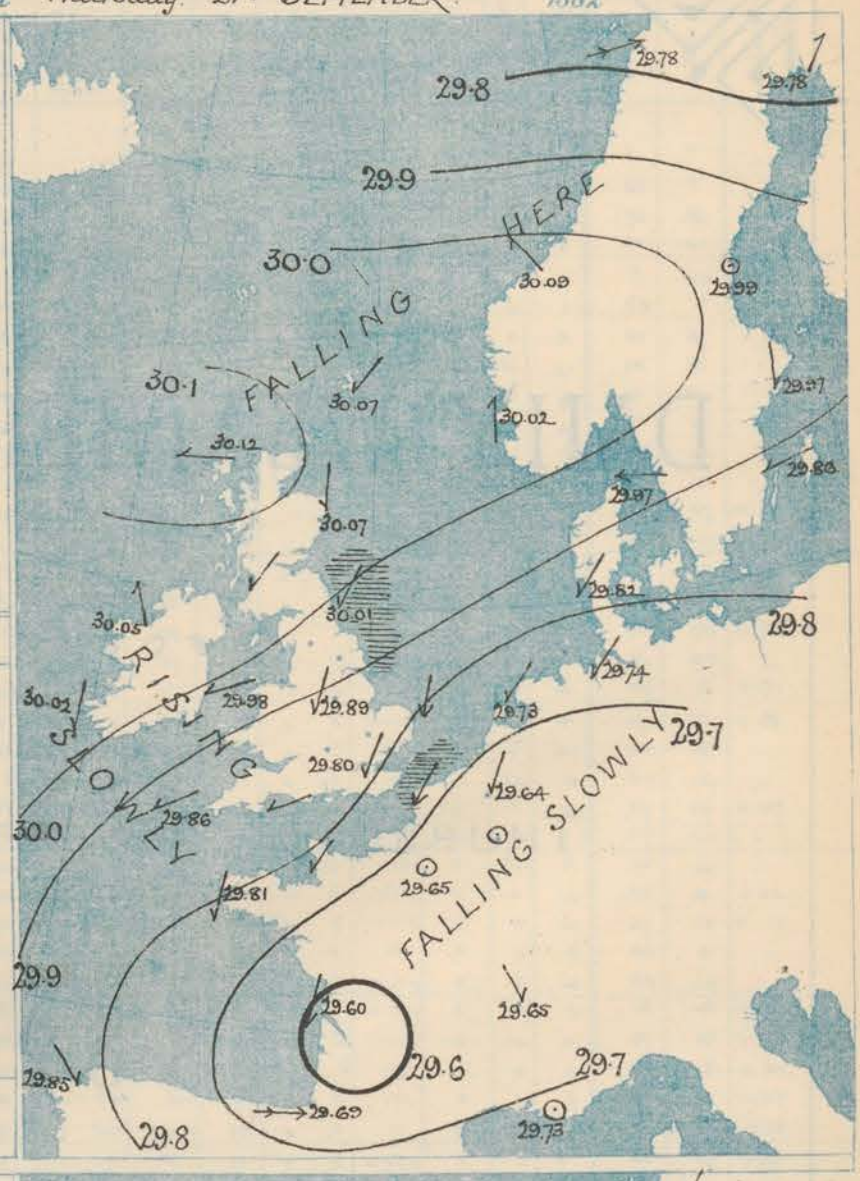
Sea Disturbance; where considerable, is shown by shading round the coast; thus ▒ = Rough; ▒ = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 876
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* *These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

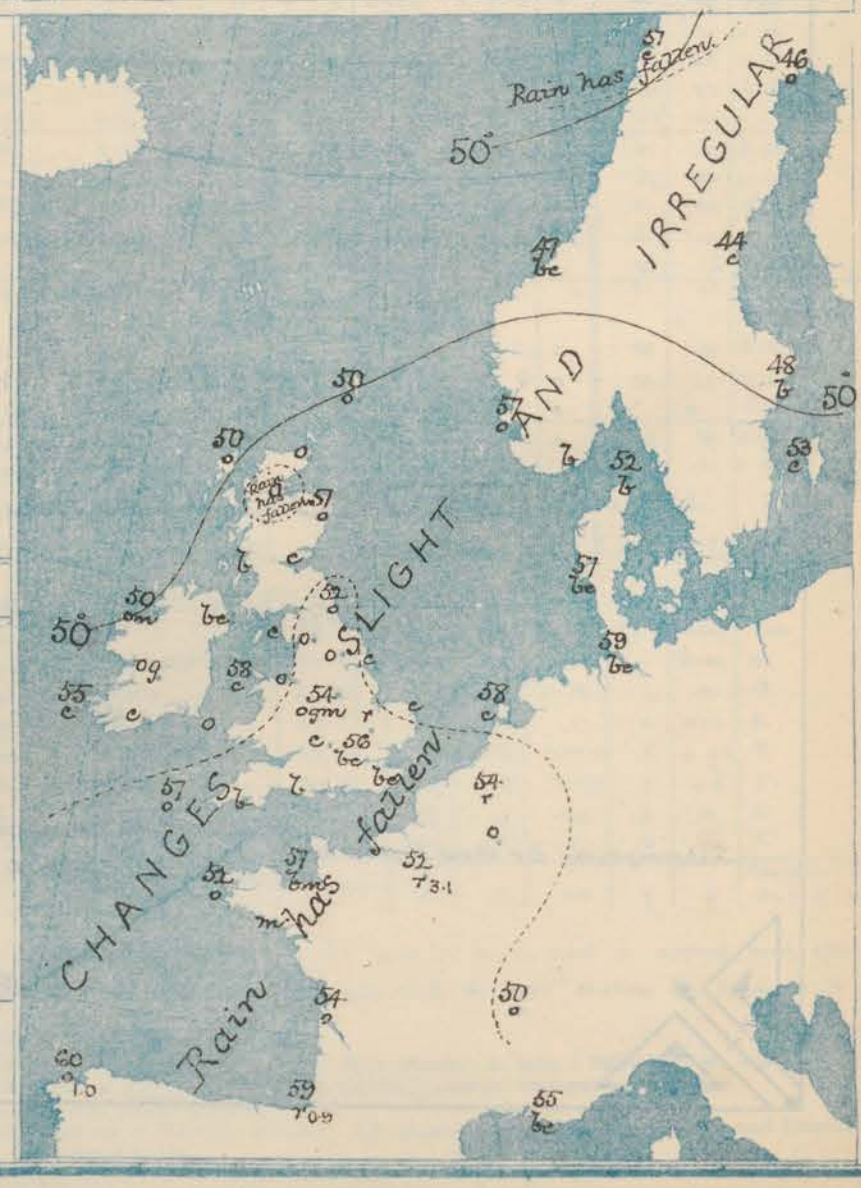
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp.	Rain-fall
	°	ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.56
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* *The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*



REMARKS

for Thursday 21st Septr 1882 at 8 a.m.

The changes reported this morning in the distribution of pressure over our Islands and their neighbourhood are very complex. The depression noticed over Brittany yesterday has moved S.wd again to the SW. of France, while that noticed over the Channel near Havre has dispersed. In the meantime there are some indications of a new depression over North Germany, and of a still larger one advancing towards the N. of Scandinavia from the W.wd. Temperature is low generally. The wind is again NE.ly all over our Islands and blows freshly on the E. coast, while it has become light in the W. This NE.ly wind has also spread to the N. and W. parts of France, and blows a moderate gale at Cape Gris Nez and Rochefort. In the N. parts of Scandinavia, however, the wind has backed to the SW.wd, and is blowing a gale at Bodö. Very heavy falls of rain have occurred over France, and smaller quantities in many parts of England. The weather is at present fine over our S. and SE. counties, and fair to cloudy elsewhere, but the clouds in London indicate an early renewal of showery weather in the E. and SE. districts. The sea is rough on our E. coast and on the French side of the Channel, smooth off Dover, slight at Holyhead.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

22nd September.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Wind falling light and becoming W.ly or SW.ly; some rain.	6 SCOTLAND WEST	E.ly and variable breezes; fine generally.
2 SCOTLAND EAST	NE.ly winds, backing to N., moderate; some rain then finer.	7 ENGLAND N.W.	D° D° D°
2 ENGLAND N.E.	D° D° D°	8. ENGLAND S.W.	NE.ly breezes, falling light and becoming variable; fair on the whole.
3 ENGLAND EAST	NE.ly breezes, fresh; showery to fair.	9 IRELAND NORTH	D° D° D°
4 MIDLAND COUNTIES	D° D° D°	10 IRELAND SOUTH	D° D° D°
5 ENGLAND SOUTH	NE.ly breezes, fresh to moderate; showery.	WARNINGS	The N. cone in districts No. 2 and 3. was lowered yesterday.

Harrison & Sons, Printers, St. Martin's Lane, London

METEOROLOGICAL OBSERVATIONS FOR 31st Sept.r 1882

STATIONS.	‡ YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30.00	26	NW	2	b	29.78	-.07	46	43	+ 1	SW	4	o	*	52	34	-
Hernösand	30.02	42	Zo	o	b	29.99	-.11	44	41	- 2	Zo	o	c	*	55	39	-
Stockholm ...	29.99	46	NNE	4	o	29.97	-.07	48	46	- 4	N	2	b	*	55	46	-
Wisby	29.88	55	ENE	4	o	29.86	-.08	53	48	- 4	ENE	4	c	*	66	50	-
Bodö	30.02	48	WNW	2	o	29.78	-.27	51	50	+ 4	W	8	c	4	?	41	0.24
Christiansund ...	30.16	48	E	1	b	30.09	-.13	49	45	- 1	SE	1	bc	3	52	39	?
‡Skudesnaes ...	29.97	57	Zo	o	c	30.02	.00	57	52	- 1	S	1	o	2	?	57	-
Oxö (Christiansund) ...	29.95	56	NE	4	bc	29.99	+.01	50	45	- 8	NNE	6	b	3	?	50	-
Skagen (The Skaw)	29.95	51	ENE	4	b	29.97	+.02	52	48	- 6	E	5	b	3	61	50	-
Fanö ...	29.88	57	ENE	4	b	29.82	-.06	57	54	+ 1	NE	4	bc	*	66	52	-
Cuxhaven ...	29.85	?	N	2	b	29.74	-.08	59	59	+ 5	NE	4	bc	*	61	50	-
‡Sumburgh Head	30.14	50	NE	4	c	30.07	-.10	50	48	+ 1	NE	4	o	4	52	45	-
‡Stornoway ...	30.19	51	ENE	5	o	30.12	-.13	50	48	+ 1	E	4	o	3	52	47	-
Wick	30.17	50	N	4	b	30.10	-.10	51	49	- 2	NE	1	o	1	53	46	-
Nairn	30.18	51	NE	3	o	30.12	-.09	50	48	0	NE	3	o	3	52	49	0.02
‡Aberdeen ...	30.10	51	N	4	o	30.07	-.06	51	49	+ 1	N	3	o	3	53	48	-
Leith	30.08	53	NE	4	o	30.08	-.04	52	49	0	ENE	1	c	*	55	48	-
‡Shields	29.98	53	N	6	r	30.01	+.01	52	50	0	NNE	4	o	5	54	50	0.06
Spurn Head	29.84	57	NE	4	c	29.88	+.06	57	55	0	NNE	5	c	6	59	57	-
York	29.90	57	ENE	3	o	29.95	+.05	55	54	0	ENE	2	o	*	58	51	.002
Loughborough ...	29.82	57	ENE	2	o	29.89	+.08	54	53	- 2	NNE	3	ogm	*	59	53	0.27
‡Ardrossan ...	30.04	54	ENE	3	bc	30.06	-.04	50	50	- 7	NE	2	b	1	59	48	-
‡Mullaghmore ...	30.02	58	NE	5	bc	30.05	-.06	50	48	- 5	SSE	2	om	2	61	45	-
Donaghadee ...	30.01	56	NNE	5	bc	30.05	-.02	54	53	- 1	NNE	3	bc	1	58	46	-
Parsonstown ...	30.00	57	N	1	b	30.05	.00	50	49	- 4	Zo	o	og	*	63	47	-
Barrow-in-Furness	29.93	58	NE	5	bc	29.97	+.07	56	53	+ 1	NE	3	c	3	65	54	-
‡Holyhead ...	29.93	57	NE	5	o	29.98	+.03	58	56	+ 1	ENE	4	c	3	59	56	-
Liverpool (Bidston)	29.89	57	NE	4	c	29.96	+.06	55	53	0	NE	2	o	2	60	53	-
‡Valencia	30.01	56	NNW	4	bc	30.02	-.04	55	53	- 2	N	1	c	2	64	49	-
Roche's Point ...	29.94	58	NNE	3	b	29.96	.00	55	52	- 1	NNE	3	c	3	64	50	-
Pembroke ...	29.83	57	NNE	4	c	29.90	+.07	57	55	0	NE	2	o	2	59	55	-
‡Scilly	29.76	58	NNE	8	o	29.86	+.08	57	56	- 2	ENE	2	o	2	60	56	0.01
Prawle Point ...	29.72	56	NE	5	r	29.85	+.15	54	52	- 2	NNE	5	b	4	63	48	0.25
Hurst Castle ...	29.72	57	ESE	3	c	29.81	+.15	55	53	- 1	ENE	2	b	2	62	49	0.09
‡Dover	29.75	58	ENE	4	b	29.72	+.06	58	54	+ 2	NE	4	bc	2	59	54	0.04
‡London	29.79	55	ESE	2	c	29.80	+.11	56	54	- 2	NNE	3	bc	*	61	49	0.01
Oxford	29.82	56	E	3	o	29.84	+.13	56	55	- 1	N	4	c	*	63	51	0.08
Cambridge ...	29.82	58	NE	1	b	29.81	+.10	56	56	- 3	NE	1	r	*	63	46	0.04
‡Yarmouth ...	29.80	57	E	3	b	29.78	+.05	58	57	+ 1	NNE	5	c	4	64	55	-
The Helder ...	29.84	57	NE	3	b	29.73	-.04	58	57	+ 3	NE	4	c	2	59	54	-
Cape Gris Nez	29.75	59	NE	5	o	29.72	+.04	58	57	+ 5	NE	7	o	5	?	52	0.08
‡Jersey	29.70	56	ENE	2	bc	29.79	+.15	57	54	+ 2	NE	5	bm	4	58	54	0.08
Brest	29.67	57	NNE	5	m	29.81	+.13	52	51	- 4	NNE	3	o	2	59	48	0.24
Lorient	?29.60	56	SE	3	c	?29.71	+.07	56	54	+ 3	NE	4	m	2	57	50	0.12
‡Rochefort ...	29.62	59	SSW	4	r	29.60	-.07	54	52	0	NNE	7	o	2	68	48	0.08
Biarritz	29.76	59	W	9	o	29.69	-.09	59	55	+ 4	W	8	r	4	61	52	0.87
Corunna	*	*	*	*	*	29.85	-.06	60	59	+ 8	NW	4	o	4	63	51	0.95
Brussels	*	*	*	*	*	29.64	-.11	54	53	+ 1	NNE	1	r	*	63	53	0.08
Charleville ...	-	-	-	-	-	?29.59	-.12	51	48	+ 3	W	1	o	*	63	?	1.50
Paris	29.70	55	Zo	o	o	29.65	-.07	52	51	+ 1	Zo	o	r	*	*	*	3.05
Lyons	29.69	54	SSW	1	bc	29.65	-.09	50	49	0	NNW	1	o	*	65	47	-
Toulon	29.75	55	NW	5	o	29.73	+.01	55	51	0	Zo	o	bc	2	61	50	0.12
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hayes Junction	28.71	50	NE	6	o	28.76	+.03	47	47	- 2	NNE	4	o	*	51	47	0.04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.99	65	59	NNW	2	o	2
Sumburgh Head	30.17	50	46	NE	4	o	5
Stornoway ...	30.21	52	49	NE	5	c	4
Aberdeen ...	30.11	53	51	N	4	o	4
Shields	29.99	54	53	NNE	6	o	6
Ardrossan ...	30.06	57	57	SE	3	c	2
Mullaghmore ...	30.05	60	56	N	5	c	4
Holyhead	29.95	57	55	NE	5	o	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30.00	63	48	N	6	bc	5
Scilly	29.76	59	58	NNE	8	o	5
Dover	29.75	57	54	E	3	b	2
London ...	29.73	59	55	E	3	og	*
Yarmouth ...	29.78	58	56	ESE	3	bc	4
Jersey	29.56	57	55	SE	2	o	2
Rochefort ...							
Ben Nevis (4406 ft) 9 a.m. on 30th.	25.50	41	39	ENE	7	bc	Max. 44, Min. 33, Rain 0.04

Hardly any change has occurred since the morning except in Ireland where the barometer has begun to fall a little. The SE wind is strong except on our SE counties and blows a fresh gale at Scilly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

‡ The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY, 22ND SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)

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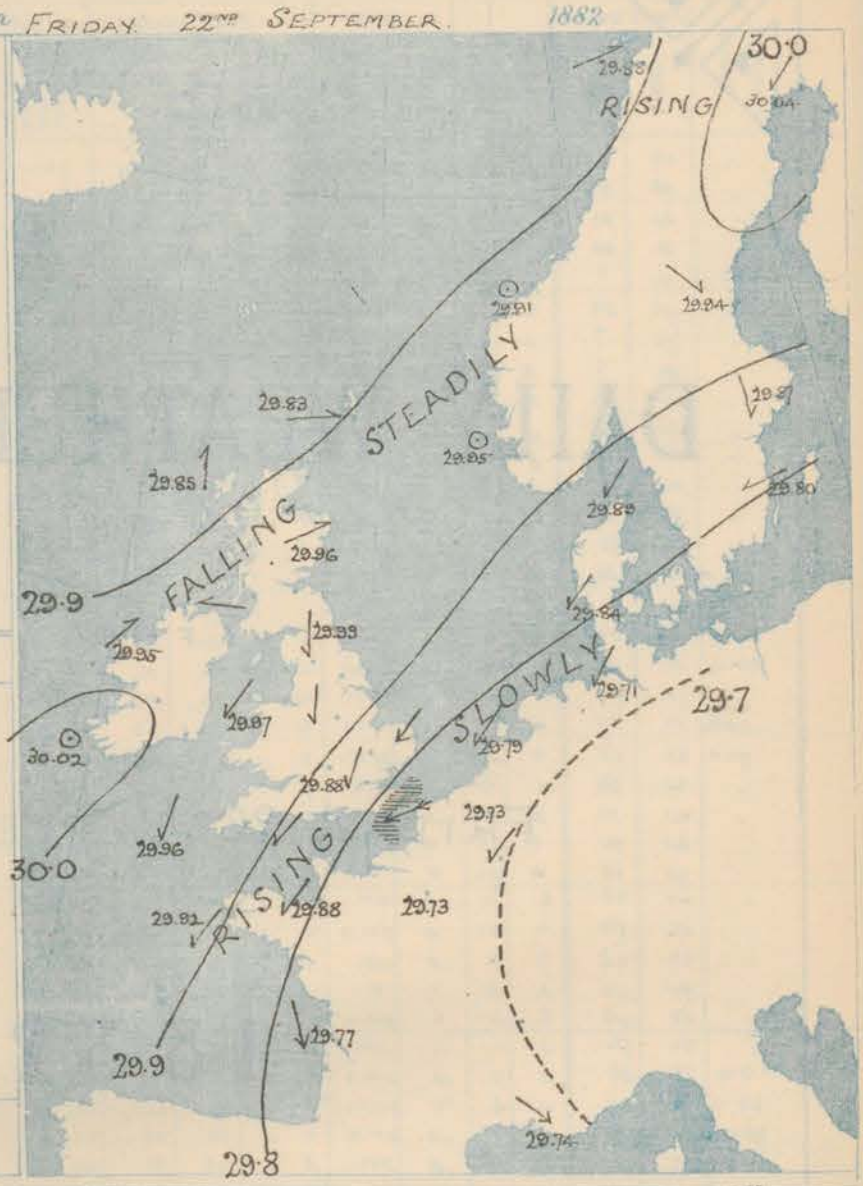
WEATHER CHARTS

for 8 a.m. on FRIDAY 22ND SEPTEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
⟶ = forces above 10; ⟶ = forces 8 to 10; ⟶ = forces 5 to 7; ⟶ = forces 1 to 4; ⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▒ = Rough; ▒ = High.



MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 819
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 867
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 937
Yarmouth	29 . 918

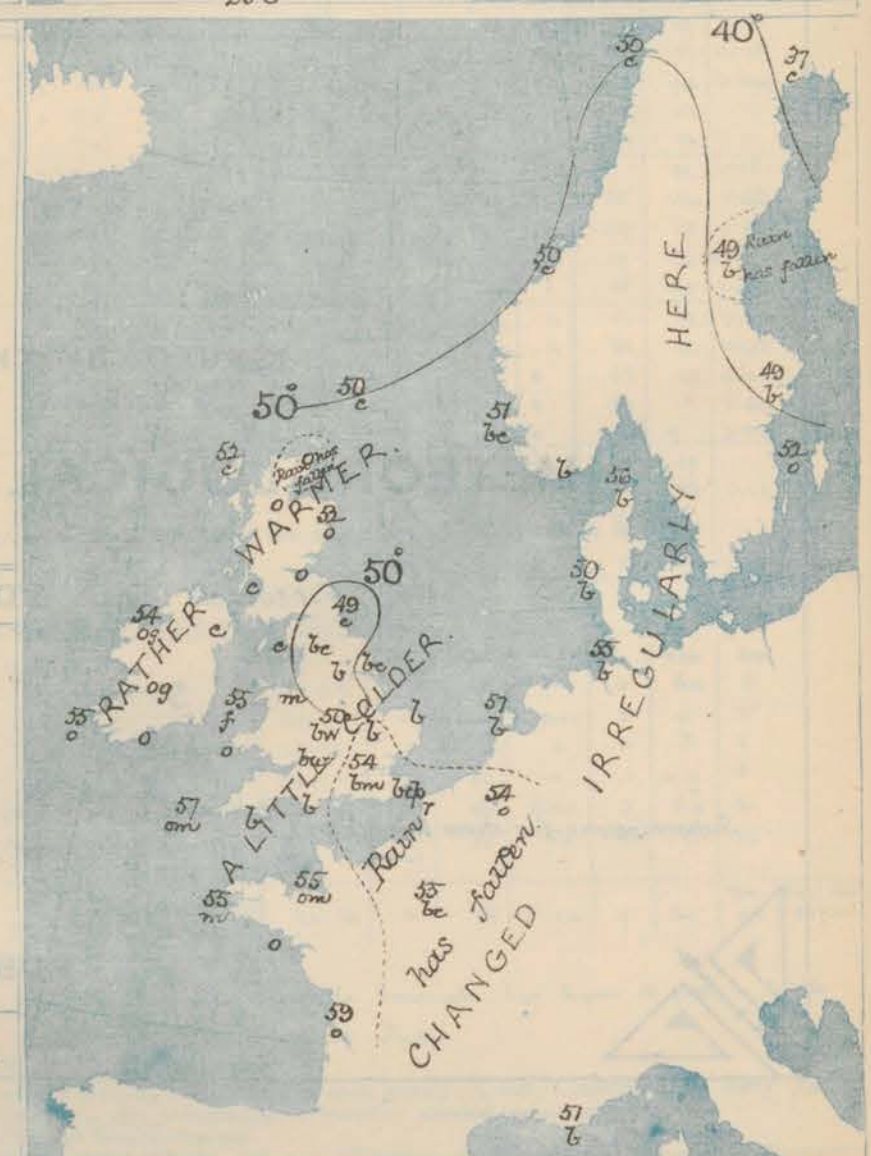
* *These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.



MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	52·3	2·44
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* *The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*

REMARKS

for FRIDAY 22nd SEPT 1882 at 8 a.m.

The area of highest pressure is now found over the south of Ireland, and the barometer has fallen steadily at all our more northern stations, while it has risen slowly in the S. In Scotland and the N. of Ireland the NE. breeze has been succeeded by light winds from the SW.ly, but over England, France and Denmark there is still a decided current from the W.ly or NE.ly. The weather over the greater part of England is now fine and bright, but in other localities there is much cloud, although at present no rain is reported. A few showers fell in the SE. of England yesterday. The appearance of the SW. wind has occasioned a slight rise of temperature over Scotland, but elsewhere the weather has become little cooler; readings range from 58° at Yarmouth to 46° at York.

Sea is slight or smooth on all our coasts.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

23rd SEPTEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SW. and S. winds, freshening; cloudy, some rain.	6 SCOTLAND WEST	Same as No 1.
1 SCOTLAND EAST	SW. winds, moderate; cloudy.	7 ENGLAND N.W.	Wind shifting to W., moderate; fair generally.
2 ENGLAND N.E.	NW. to W. winds, moderate; fair generally.	8 ENGLAND S.W.	Light winds, chiefly N.; fair generally.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	Same as No 0
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	Variable to SE. breezes, moderate; cloudy, slight rain.
5 ENGLAND SOUTH	NE. to N. winds, moderate; fine generally.	WARNINGS	NONE ISSUED.

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METEOROLOGICAL OBSERVATIONS FOR 22nd Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.72	42	NW	4	0	30.04	+ .26	37	35	− 9	NE	2	c	*	48	34	-
Hernösand	29.86	54	NW	6	c	29.94	− .05	49	46	+ 5	NW	2	b	*	55	39	0.04
Stockholm ..	29.92	50	Z	0	0	29.87	− .10	49	48	+ 1	N	2	b	*	55	43	-
Wisby	29.86	50	NE	4	b	29.80	− .06	52	48	− 1	?ENE	2	0	*	59	48	-
Bodö	29.85	50	W	4	0	29.88	+ .10	50	48	− 1	WSW	4	c	3	52	45	-
Christiansund...	30.04	51	SE	1	b	29.91	− .18	50	46	+ 3	Z	0	c	3	54	34	-
‡Skudesnaes ...	29.99	54	NW	2	b	29.95	− .07	51	51	− 6	Z	0	bc	2	57	?	-
Oxö (Xtiansund) ...	29.97	51	NNE	4	b	29.90	− .09	?	45	?	NNW	2	b	1	54	46	0.35
Skagen (The Skaw)	29.93	53	ENE	3	b	29.89	− .08	56	51	+ 4	NE	2	b	1	57	50	-
Fanö ...	29.84	49	NE	6	b	29.84	+ .02	50	48	− 7	NE	3	b	*	59	?	-
Cuxhaven ..	29.70	61	NE	6	c	29.71	− .03	55	53	− 4	NE	5	b	*	61	50	-
‡Sunburgh Head	30.01	50	NNE	3	0	29.89	− .18	50	48	0	W	2	c	2	53	47	-
‡Stornoway ..	30.02	51	NE	2	b	29.85	− .27	52	50	+ 2	S	4	c	3	53	42	-
Wick	30.12	51	Z	0	0	29.90	− .20	52	49	+ 1	SW	1	0	1	53	47	0.03
Nairn ...	30.04	52	Z	0	c	29.93	− .19	51	49	+ 1	SW	3	0	1	53	47	-
‡Aberdeen ...	30.02	53	N	2	0	29.96	− .11	52	49	+ 1	WSW	1	0	2	55	48	-
Leith	30.03	53	ENE	2	0	29.97	− .11	52	50	0	S	1	0	*	58	49	-
‡Shields	29.99	52	NNE	3	0	29.99	− .02	49	48	− 3	N	2	c	4	55	46	-
Spurn Head ..	29.88	56	NNE	6	bc	29.92	+ .04	56	54	− 1	NNE	4	bc	4	59	54	-
York	29.96	53	N	2	r	29.97	+ .02	46	45	− 9	N	1	b	*	56	43	0.04
Loughborough .	29.90	54	N	4	0	29.94	+ .05	50	49	− 4	NW	1	bmw	*	62	43	-
‡Ardrossan ...	30.02	52	E	1	b	29.96	− .10	53	52	+ 3	E	2	c	1	56	49	-
‡Mullaghmore ...	30.03	57	WNW	1	b	29.95	− .10	54	52	+ 4	SW	3	bq	2	59	48	-
Donaghadee ...	30.03	55	NE	2	0	29.98	− .07	53	52	− 1	SW	2	c	0	59	50	-
Personstown ...	30.03	57	Z	0	0	30.00	− .05	53	51	+ 3	Z	0	bq	*	60	49	-
Barrow-in-Furness	29.95	59	NE	2	bc	29.96	− .01	53	51	− 3	NE	2	c	1	69	51	-
‡Holyhead ...	29.99	56	NE	3	c	29.97	− .01	55	53	− 3	NE	2	f	1	60	54	-
Liverpool (Bidston)	29.95	56	NW	1	0	29.98	+ .02	53	51	− 2	NE	1	m	1	60	?48	-
‡Valencia	30.03	56	NW	3	bm	30.02	.00	55	54	0	Z	0	0	1	62	46	-
Roche's Point...	30.00	60	SSE	1	b	30.00	+ .04	52	52	− 3	NNE	1	0	3	64	46	-
Pembroke ...	29.92	57	N	2	0	29.96	+ .06	55	52	− 2	N	1	0	1	61	51	-
‡Scilly	29.91	59	N	2	c	29.96	+ .10	57	56	+ 0	NNE	2	bm	2	61	55	-
Prawle Point ...	29.88	56	N	3	c	29.94	+ .09	54	51	0	N	3	b	3	65	47	-
Hurst Castle ...	29.83	59	NE	2	bc	29.88	+ .07	53	51	− 2	NE	4	b	2	61	48	-
‡Dover ...	29.74	58	NNE	5	bc	29.79	+ .07	57	55	− 1	ENE	5	bq	3	64	54	0.16
‡London	29.83	56	NNE	3	b	29.88	+ .08	54	51	− 2	NNE	3	bm	*	61	49	0.02
Oxford	29.89	55	NE	3	c	29.93	+ .09	51	49	− 5	NNW	1	bm	*	61	47	-
Cambridge ..	29.84	54	N	1	c	29.89	+ .08	52	51	− 4	N	1	b	*	62	45	0.01
‡Yarmouth ...	29.79	58	NNE	6	bc	29.85	+ .07	58	55	0	NE	5	b	4	60	55	-
The Helder ...	29.73	58	NE	5	c	29.79	+ .06	57	53	− 1	NE	4	b	3	61	55	0.04
Cape Gris Nez	29.78	63	E	7	0	29.77	+ .05	58	53	− 3	ENE	8	r	5	64	54	0.24
‡Jersey	29.82	58	NNE	4	bm	29.88	+ .09	55	54	− 2	NE	3	bm	3	61	53	-
Brest	29.88	56	N	3	m	29.92	+ .11	55	54	+ 3	NE	3	m	3	63	48	-
Lorient	?29.78	59	NNE	5	b	?29.84	+ .13	56	51	0	NNE	4	0	2	63	54	-
‡Rochefort ...	30.10	60	NNE	5	0	29.77	+ .17	59	57	+ 5	NNW	7	0	2	64	48	-
Biarritz																	
Corunna	*	*	*	*	*				*					*	*	*	*
Brussels	*	*	*	*	*	29.73	+ .09	54	52	0	NE	3	0	*	63	54	0.28
Charleville ...	29.58	52	N	1	c	?29.67	+ .08	54	52	+ 3	NE	4	0	*	63	45	0.71
Paris	29.65	55	Z	0	r	29.73	+ .08	55	54	+ 3	NW	4	bc	*	*	*	0.51
Lyons														*			
Toulon	29.70	67	WSW	5	c	29.74	+ .01	51	48	− 4	NW	7	b	4	63	50	0.08
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.75	49	E	2	bc	28.75	− .01	45	43	+ 1	N	1	bc	*	52	45	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.02	57	51	NNW	4	0	2
Sunburgh Head	30.04	52	49	NE	3	0	4
Stornoway ...	30.07	53	50	ENE	3	0	3
Aberdeen ...	30.03	55	52	N	3	0	3
Shields	30.00	54	52	NNE	4	c	4
Ardrossan ...	30.04	56	55	SE	1	b	1
Mullaghmore ..	30.04	56	53	E	2	bc	2
Holyhead	29.99	59	56	NE	4	c	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30.23	59	56	NNW	3	0 m	3
Scilly	29.90	61	59	NNE	2	c	2
Dover	29.71	62	59	NE	5	bc	3
London ...	29.80	59	56	NNE	2	0 m	*
Yarmouth ..	29.79	58	55	NNE	5	r	4
Jersey... ...	29.81	61	58	NNE	4	bq	3
Rochefort ...	29.66	62	59	NNW	8	0	3
Barom. Nov. 15 (29.06 ft) Barom. 2.15	28.84	49	39	E	1	bc	Max 49 / Min 38 / Rain –

The barometer is falling at all our N^r stations, but is inclined to rise in the S. The wind and weather are almost unchanged.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY, 23RD SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on SATURDAY, 23RD SEPTEMBER, 1882

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,— ⟶ = forces above 10; ⟶ = forces 8 to 10; ⟶ = forces 5 to 7; ⟶ = forces 1 to 4; ⊙ = dead calm.

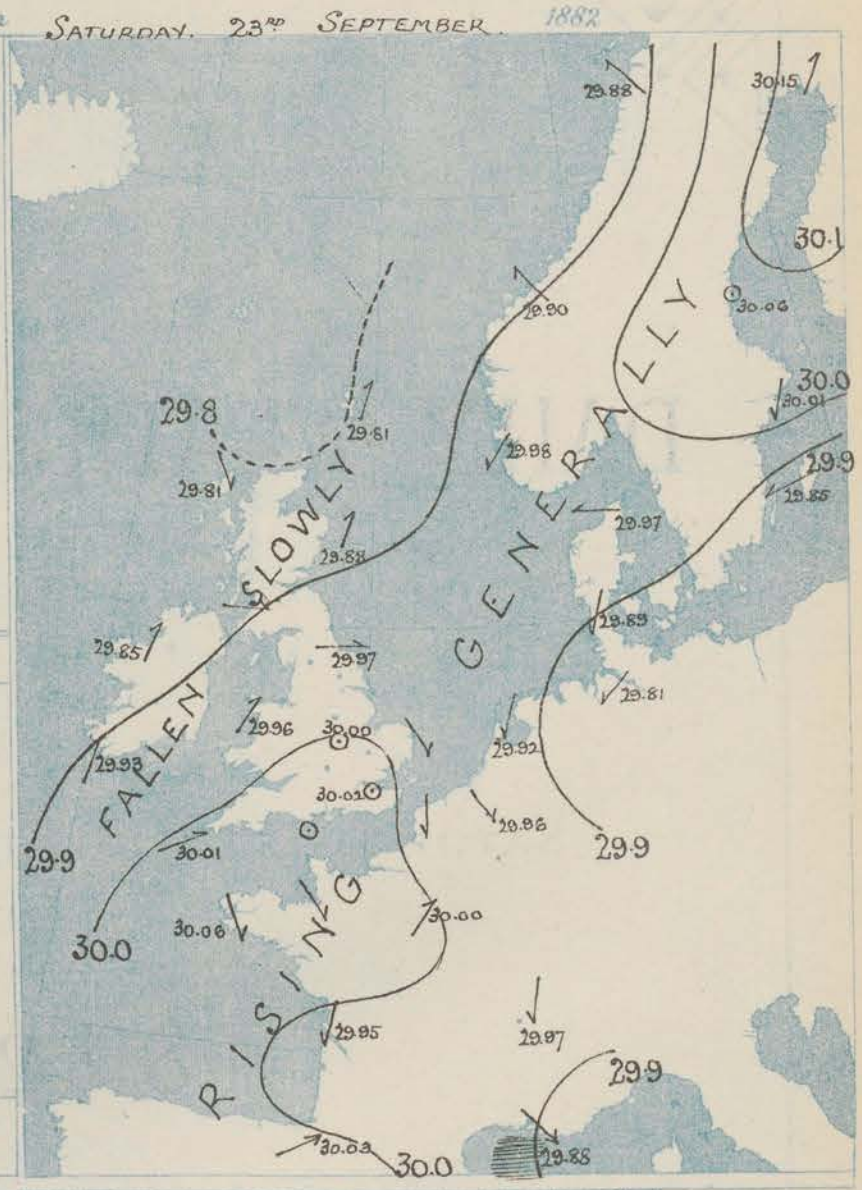
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

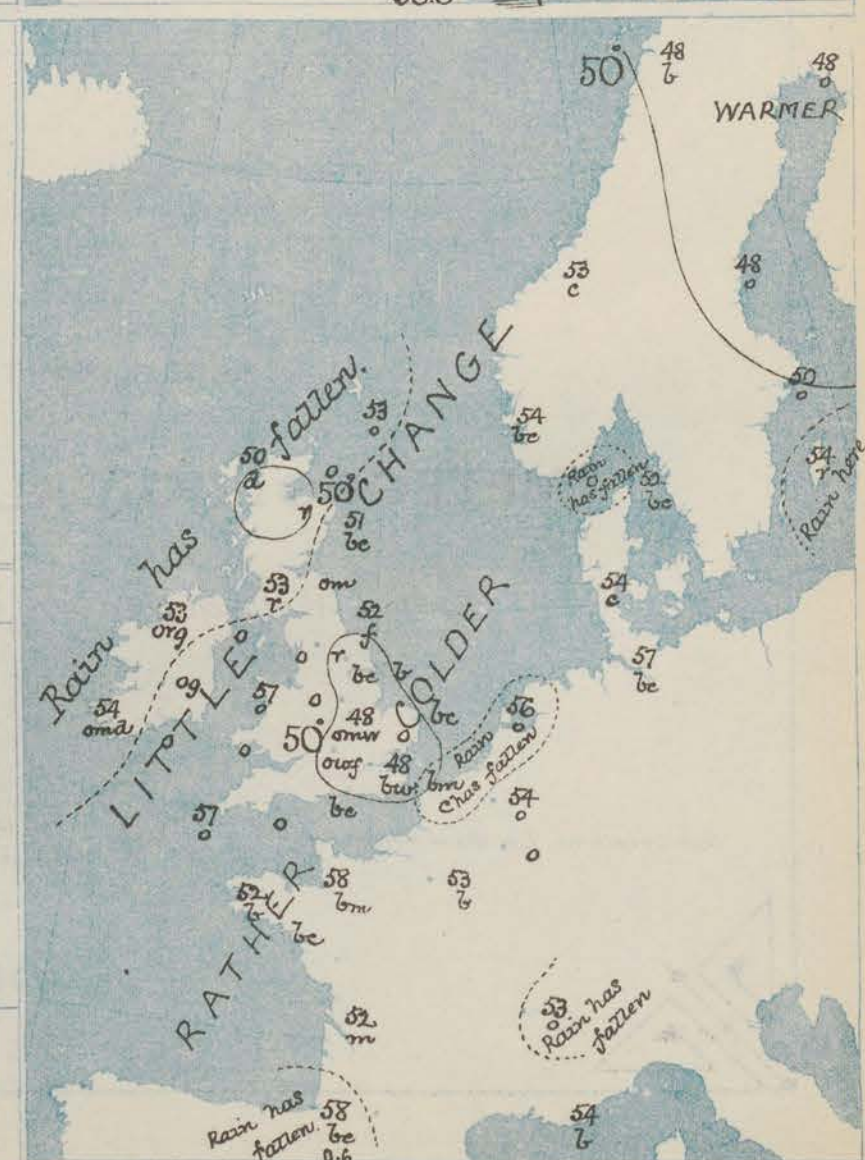
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	54·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	6.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY 23RD SEPT. 1882 at 8 a.m.

In the course of the past 24 hours the barometer has risen over the greater part of England and at all the Continental stations, but has fallen slowly over Ireland and Scotland. Two areas of high pressure now exist;— one over the Gulf of Bothnia and the other over the Channel and north of France, while relatively low readings are found to the N.wd of Scotland and over North Germany. In the British Isles the SW. breeze has extended to all but the SE. stations, where the wind remains N.E.; it is light or moderate in force generally. The weather is fine over France and the E. and SE. of England, but very cloudy at all our more W. and N. stations, with rain in the W. districts of Scotland and Ireland. Temperature has fallen a little in the SE., but changed little elsewhere, readings now range from 57° at Holyhead, Pembroke, and Scilly to 45° at York. The highest maxima registered yesterday were 66° at Prawle Pt and 65° at York, Loughboro', and Oxford. The sea is slight or smooth generally.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

24TH SEPTEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Wind backing to SW. and increasing; dull, rainy.	6 SCOTLAND WEST	Same as No 0.
1 SCOTLAND EAST	SWly winds, moderate or fresh; fair to dull and slight rain.	7 ENGLAND N.W.	SWly winds, moderate or fresh; dull, slight rain.
2 ENGLAND N.E.	----- D° ----- D° ----- D°	8 ENGLAND S.W.	----- D° ----- D° ----- D°
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SWly and Sly winds, moderate to strong; dull, unsettled, rainy.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	----- D° ----- D° ----- D°
5 ENGLAND SOUTH	Wind backing to W. or SW., light or moderate; fair, at first, then cloudy and rather unsettled	WARNINGS	NONE ISSUED.

Fredk Dangerfield, 12 Pellerd St Covent Gdn Lon

METEOROLOGICAL OBSERVATIONS FOR 23rd SEPT. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·07	43	SE	2	0	30·15	+·11	48	43	+ 11	SW	2	0	*	?	36	-
Hernösand	30·04	48	NE	4	0	30·06	+·12	48	45	− 1	S	0	0	*	54	45	-
Stockholm ...	29·94	46	N	4	b	30·01	+·14	50	48	+ 1	NNE	2	0	*	55	43	-
Wisby	29·80	54	NE	6	r	29·85	+·05	54	53	+ 2	ENE	2	r	*	59	46	0·24
Bodö	29·85	48	S	0	b	29·88	·00	48	46	− 2	SE	2	b	1	54	43	-
Christiansund...	29·88	50	S	0	bc	29·90	−·01	53	51	+ 3	SE	1	c	3	59	46	-
‡Skudesnaes ...	29·95	52	S	0	b	29·98	+·03	54	53	+ 3	NE	2	bc	2	61	?	-
Oxö (Christiansund) ...	29·91	55	NNW	2	b	29·97	+·07	54	51	?	NE	4	0	3	57	50	0·39
Skagen (The Skaw)	29·91	57	E	4	c	29·97	+·08	52	48	− 4	E	4	bc	3	61	48	-
Fanö	29·87	47	NE	1	b	29·89	+·05	54	53	+ 4	NNE	2	c	*	61	46	-
Cuxhaven ...	29·81	?	NE	4	bc	29·81	+·10	57	55	+ 2	NE	3	bc	*	59	52	-
‡Sumburgh Head	29·82	52	SW	3	0	29·81	−·08	53	52	+ 3	SSW	2	0	2	54	48	0·01
‡Stornoway ...	29·80	52	S	5	0	29·81	−·04	50	50	− 2	NNW	2	d	2	55	48	0·05
Wick	29·82	54	W	2	bc	29·82	−·08	54	52	+ 2	W	2	0	2	57	48	0·02
Nairn ...	29·84	54	SW	1	bc	29·85	−·08	51	50	0	S	0	r	1	58	51	0·06
‡Aberdeen ...	29·89	54	SSW	2	c	29·88	−·08	51	49	− 1	SSW	1	bc	1	56	48	-
Leith	29·92	54	WSW	1	0	29·91	−·06	54	51	+ 2	WSW	1	omw	*	57	50	-
‡Shields	29·95	53	SE	2	bc	29·97	−·02	52	50	+ 3	W	1	f	3	58	47	-
Spurn Head	29·93	56	NNE	2	b	29·97	+·05	51	49	− 5	WSW	1	b	2	59	49	-
York	29·96	57	SSE	1	bc	29·99	+·02	45	45	− 1	SW	1	bc	*	65	41	-
Loughborough	29·95	56	S	0	c	30·00	+·06	48	46	− 2	S	0	omw	*	65	44	-
‡Ardrossan ...	29·92	55	SW	2	bo	29·90	−·06	53	53	0	W	2	r	2	57	51	0·01
‡Mullaghmore ...	29·92	54	WSW	5	og	29·85	−·10	53	52	− 1	SSW	4	org	3	57	52	0·01
Donaghadee ...	29·94	54	S	2	0	29·93	−·05	52	51	− 1	SSW	2	0	0	57	50	-
Parsonstown ...	29·97	55	SW	1	0	29·93	−·07	52	50	− 1	S	1	og	*	57	50	-
Barrow-in-Furness	29·95	55	NW	2	b	29·95	−·01	56	51	+ 3	SW	2	0	1	62	52	-
‡Holyhead ...	29·97	55	S	0	og	29·96	−·01	57	55	+ 2	SW	2	0	1	58	54	-
Liverpool (Bidston)	29·96	55	NW	1	c	29·98	·00	53	50	0	SSW	2	0	1	58	52	-
‡Valencia	29·99	55	SW	2	og	29·93	−·09	54	54	− 1	SSW	4	ovd	4	61	52	0·03
Roche's Point...	30·00	56	NW	1	0	29·96	−·04	56	54	+ 4	WSW	2	0	3	61	49	-
Pembroke ...	29·97	56	NW	1	0	29·97	+·01	57	52	+ 2	WSW	2	0	1	57	55	-
‡Scilly	29·97	57	NNW	2	0	30·01	+·05	57	55	0	WSW	2	0	2	58	55	-
Prawle Point ...	29·98	55	WSW	1	b	30·03	−·09	53	52	− 1	WNW	2	0	2	66	46	-
Hurst Castle ...	29·94	58	NE	2	b	30·02	+·14	51	50	− 2	ENE	1	bc	1	64	46	-
‡Dover	29·89	58	NE	4	b	29·99	+·20	50	49	− 7	N	4	bm	2	62	49	0·03
‡London	29·92	59	NNE	2	b	30·02	+·14	48	47	− 6	S	0	b	*	64	41	-
Oxford	29·97	54	NE	1	0	30·02	+·09	49	48	− 2	S	0	ofw	*	65	46	-
Cambridge ..	29·93	55	N	1	b	30·01	+·12	46	46	− 6	N	1	0	*	63	38	-
‡Yarmouth ...	29·91	58	N	2	b	29·97	+·12	55	53	− 3	NW	2	b	3	61	49	-
The Helder ...	29·88	55	NE	1	c	29·92	+·13	56	54	− 1	NNE	1	0	4	59	55	0·04
Cape Gris Nez	29·89	58	ENE	5	bc	29·99	+·22	55	54	0	N	3	c	2	64	54	0·20
‡Jersey	29·95	58	NNE	2	c	30·05	+·17	58	56	+ 3	NNW	1	bm	1	61	55	-
Brest	30·01	56	N	4	bc	30·06	+·14	52	50	− 3	NNW	3	b	2	59	50	-
Lorient	29·90	59	N	5	b	30·01	+·17	54	53	− 2	NNW	4	bc	2	63	52	-
‡Rochefort ...	29·87	59	NW	5	c	29·95	+·18	52	51	− 7	NNE	3	m	2	66	48	-
Biarritz	29·95	63	W	7	c	30·03		58	55		WSW	3	bc	2	64	54	0·63
‡Corunna	*	*	*	*	*	29·98		53	53		E	3	m	3	72	?	-
Brussels	*	*	*	*	*	29·96	+·23	54	51	0	NW	1	0	*	61	52	-
Charleville ...	-	-	-	-	-	29·95	+·28	49	48	− 5	N	1	0	*	61	46	-
Paris	29·85	58	N	3	bc	30·00	+·27	53	51	− 2	SW	1	b	*	*	*	-
Lyons	29·84	55	ESE	1	c	29·97		53	52		?	1	0	*	65	51	0·24
Toulon	29·82	57	W	7	bc	29·88	+·14	54	51	+ 3	NW	7	b	5	63	?	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·73	49	N	1	b	28·74	−·01	48	48	0	SW	1	r	*	55	42	0·02

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·93	61	55	NNW	2	b	2
Sumburgh Head	29·84	51	48	SW	3	0	3
Stornoway ...	29·82	54	51	SSW	5	0	5
Aberdeen ...	29·90	56	52	SSW	3	0	2
Shields	29·95	56	52	E	2	b	4
Ardrossan ...	29·94	55	54	SSW	2	b	1
Mullaghmore ...	29·93	56	52	W	4	0	3
Holyhead	29·98	58	54	NNE	2	0	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·02	57	54	SSW	2	0	3
Scilly	29·97	57	56	NNW	2	0	2
Dover	29·86	59	55	ENE	5	bcp	3
London ..	29·90	62	55	NNE	3	b	*
Yarmouth ...	29·89	60	56	NNE	4	b	4
Jersey	29·92	60	57	NNE	4	bc	3
Rochefort ...							
Sun rises (4 o'clock) Sun sets 22nd.	25·31	39	36	SW	4	bc	Max. 54 / Min. 33 / Rain -

The barometer continues to fall in the N. and to rise in the S. The winds and weather are unchanged.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). ‖ Received too late for insertion in chart.

DAILY WEATHER REPORT

FOR

SUNDAY, 24TH SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)

Fredk Vangerfield Lith. 2 Portland St. Covent Garden

WEATHER CHARTS

for 8 a.m. on Sunday 24th September 1882

BAROMETER, WIND & SEA.

Explanation of Map.

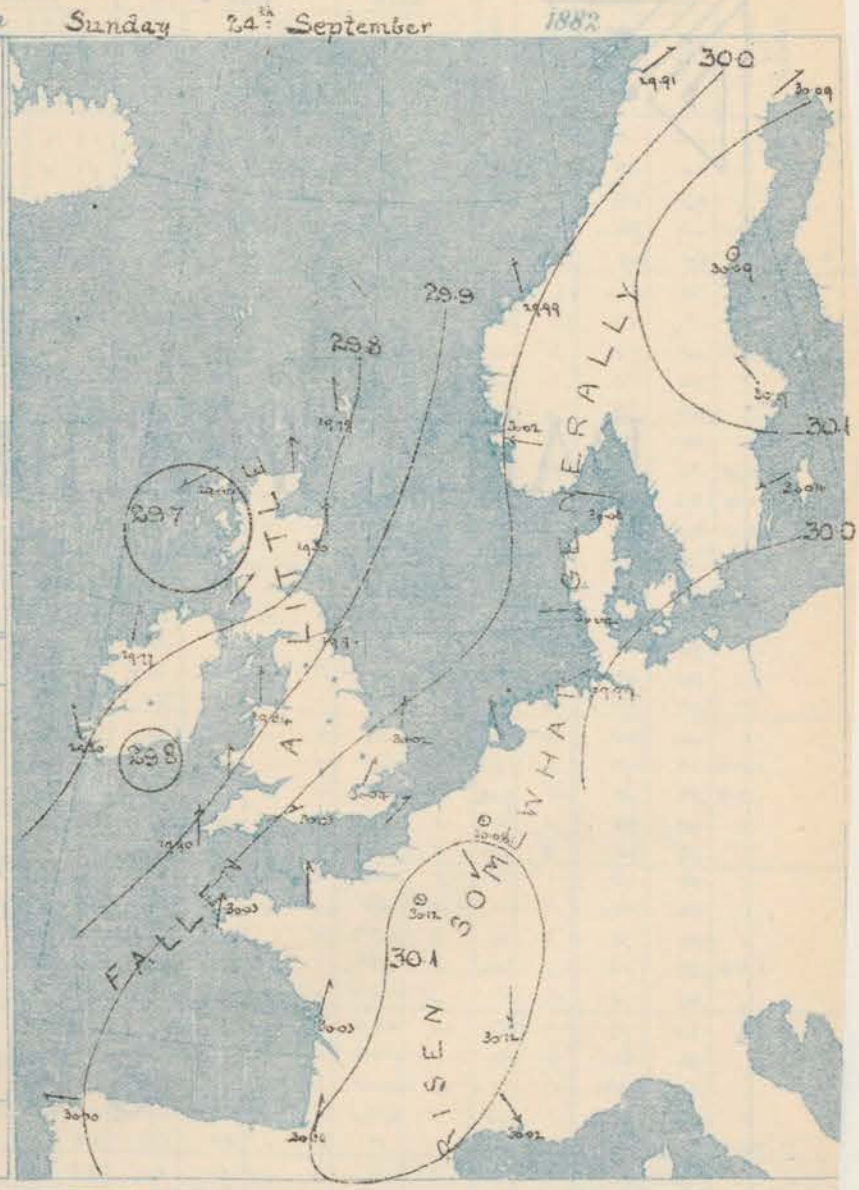
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
» — forces above 10; » — forces 8 to 10
— forces 5 to 7; — forces 1 to 4;
⊙ — dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast; thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 837
Yarmouth	29 . 918

** These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

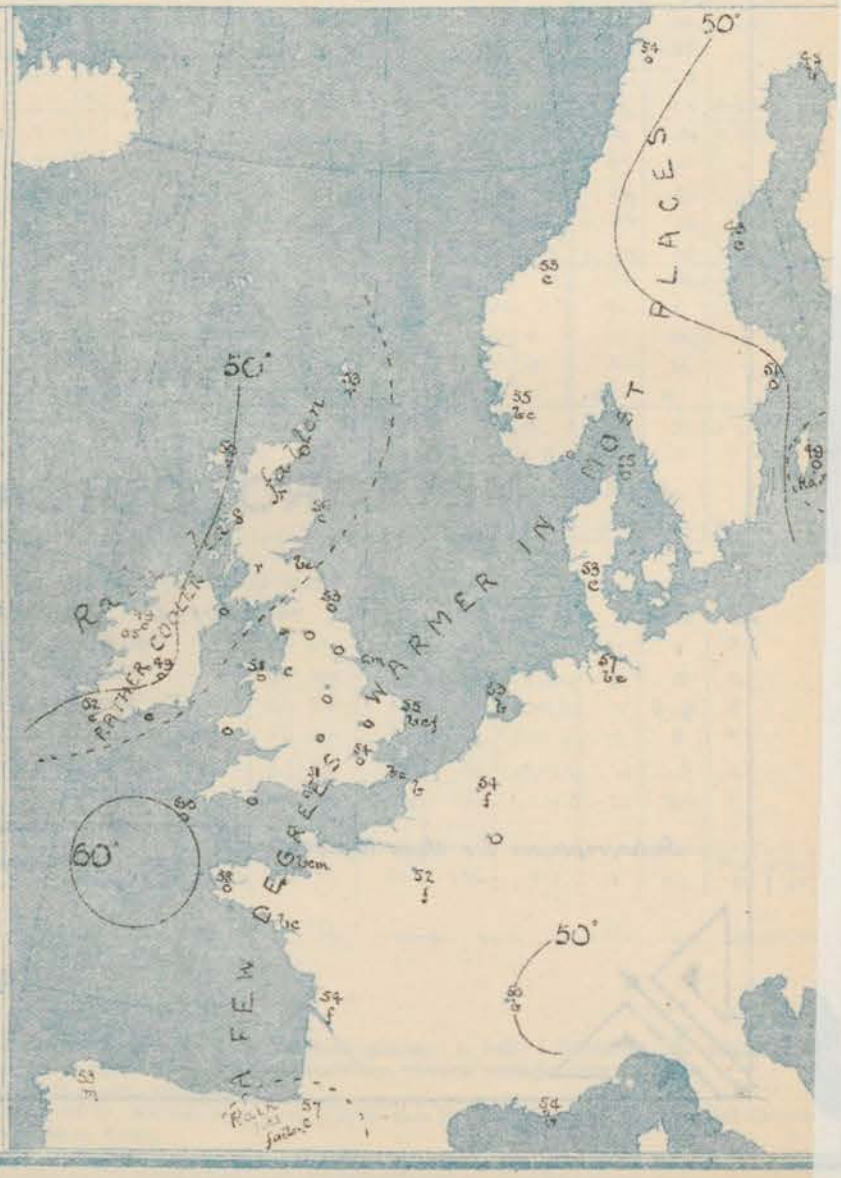
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp.	Rain-fall
	°	ins.
Sunburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.58
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

** The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*



REMARKS

for Sunday 24th Septr. 1882 at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to rise at all the Continental stations, but has fallen in almost all parts of these Islands. Areas of relatively high pressure are found over Sweden and France, while two small shallow depressions exist:– one over the W. of Scotland and the other near Scilly. The wind is generally light or moderate from the S.ward. The weather is more or less cloudy at the majority of stations, and rain is falling in the N. of Scotland. Rain fell yesterday in the N. and NW. of our Islands the amount at Mullaghmore being as much as half an inch. Temperature has risen at all but our W. stations, and ranges from 60° at Scilly to 49° at Mullaghmore and Parsonstown.

Sea is moderate to smooth.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
2 SCOTLAND EAST		7 ENGLAND N.W.	
3 ENGLAND N.E.		8 ENGLAND S.W.	
4 ENGLAND EAST		9 IRELAND NORTH	
5 MIDLAND COUNTIES		10 IRELAND SOUTH	
6 ENGLAND SOUTH		WARNINGS	

Frank Dangerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 24th SEPT 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·11	46	SW	3	c	30·09	− ·06	45	41	− 3	SW	4	b	*	50	41	—
Hernösand	30·21	46	ESE	2	b	30·19	+ ·13	43	41	− 5	Z	0	c	*	55	45	—
Stockholm	30·10	49	ENE	2	b	30·17	+ ·16	51	46	+ 1	SE	2	o	*	61	45	—
Wisby	29·95	51	NE	2	c	30·04	+ ·19	49	45	− 5	ENE	4	o	*	57	48	0·08
Bodö	29·91	54	Z	0	o	29·91	+ ·03	54	51	+ 6	SW	4	o	3	57	48	—
Christiansund	29·95	55	E	1	c	29·99	+ ·09	53	51	0	SSE	1	c	4	59	49	—
‡Skudesnaes	30·04	56	SSW	6	o	30·02	+ ·04	55	50	+ 1	ESE	1	bc	2	61	?	—
Oxö (Xuansund)	30·04	51	NNE	4	o	30·06	+ ·09	51	49	− 3	NNE	4	c	2	54	50	—
Skagen (The Skaw)	30·02	56	E	3	o	30·08	+ ·11	55	53	+ 3	ESE	2	o	1	61	50	—
Fanö	30·00	52	NNE	2	b	30·04	+ ·15	53	53	− 1	E	2	c	*	59	50	—
Cuxhaven	29·81	?	NE	2	o	29·99	+ ·18	57	56	0	ENE	1	bc	*	59	54	—
‡Sumburgh Head	29·83	52	SSW	3	r	29·79	+ ·02	53	52	0	S	4	r	4	55	50	0·28
‡Stornoway	29·88	52	SSW	3	c	29·69	− ·12	50	50	0	ENE	3	r	3	52	47	0·30
Wick	29·85	53	Z	0	o	29·73	− ·09	54	53	0	S	3	o	2	54	50	0·40
Nairn	29·83	52	Z	0	o	29·72	− ·13	51	50	0	Z	0	r	1	54	50	0·24
‡Aberdeen	29·87	52	SW	1	r	29·80	− ·08	56	53	+ 5	S	5	c	2	59	50	0·03
Leith	29·92	54	WSW	1	r	29·78	− ·13	56	53	+ 2	S	2	bc	*	59	51	0·04
‡Shields	29·94	57	SW	2	o	29·90	− ·07	53	51	+ 1	WSW	2	o	2	58	50	—
Spurn Head	29·97	57	SE	3	c	29·97	·00	55	52	+ 4	S	3	cm	2	59	51	—
York	29·97	55	SW	1	bc	29·95	− ·04	53	51	+ 8	S	2	o	*	60	44	—
Loughborough	29·99	55	Z	0	o	29·98	− ·02	54	51	+ 6	SW	2	o	*	63	45	—
‡Ardrossan	29·77	54	SW	2	r	29·77	− ·13	57	53	0	SW	3	r	2	59	52	0·17
‡Mullaghmore	29·82	55	Z	0	r	29·77	− ·08	49	47	− 4	SSW	1	c	3	57	45	0·50
Donaghadee	29·87	54	S	2	o	29·81	− ·12	51	51	− 1	SW	2	o	0	56	50	0·05
Parsonstown	29·85	55	S	1	o	29·82	− ·11	49	48	− 3	S	1	o	*	59	47	0·27
Barrow-in-Furness	29·93	57	S	3	c	29·87	− ·08	57	55	+ 1	SSE	3	o	2	59	54	—
‡Holyhead	29·93	57	SSW	4	o	29·94	− ·12	58	56	+ 1	S	4	o	3	60	55	—
Liverpool (Bidston)	29·95	55	SSW	2	o	29·90	− ·08	56	53	+ 3	SSE	3	c	2	58	51	—
‡Valencia	29·89	52	NNW	2	og	29·88	− ·13	52	50	− 2	SSE	3	c	3	59	46	0·21
Roche's Point	29·89	57	SSW	3	c	29·79	− ·17	55	54	− 1	NNE	1	c	?	60	48	0·26
Pembroke	29·95	58	SSW	2	o	29·88	− ·09	58	57	+ 1	S	4	o	4	59	56	—
‡Scilly	29·95	59	SSW	4	o	29·90	− ·11	60	59	+ 3	S	5	o	4	61	56	—
Prawle Point	30·04	56	WSW	1	o	30·00	− ·03	57	56	+ 4	SW	4	o	4	59	53	—
Hurst Castle	30·02	58	W	3	bc	30·03	+ ·01	58	55	+ 7	WSW	4	c	2	63	51	—
‡Dover	30·02	57	Z	0	b	30·05	+ ·06	57	54	+ 7	SW	3	bc	2	59	49	—
‡London	30·02	52	Z	0	bf	30·04	+ ·02	54	52	+ 6	SW	1	o	*	61	47	—
Oxford	30·02	55	WSW	1	o	30·01	− ·01	54	53	+ 5	S	1	o	*	63	49	—
Cambridge	30·00	56	SW	1	b	30·02	+ ·01	53	52	+ 7	S	1	o	*	65	45	—
‡Yarmouth	30·00	57	ESE	1	bv	30·02	+ ·05	55	53	0	SSW	1	bef	2	60	49	—
The Helder	30·00	57	NNW	1	b	30·04	+ ·12	53	52	− 3	SSE	1	o	1	59	52	—
Cape Gris Nez	30·04	55	Z	0	b	30·03	+ ·04	54	53	− 1	SE	1	b	0	63	54	—
‡Jersey	30·07	57	NW	1	bc	30·07	+ ·02	58	56	0	S	1	bcm	1	63	53	—
Brest	30·07	57	Z	0	o	30·03	− ·03	58	56	+ 6	SSW	4	o	3	61	50	—
Lorient	30·05	59	WNW	4	b	? 30·03	+ ·02	52	50	− 2	NE	1	bc	2	64	48	—
‡Rochefort	29·96	62	NW	1	m	30·03	+ ·08	54	54	+ 2	SSW	3	f	2	68	46	—
Biarritz	30·08	62	WNW	4	c	30·10	+ ·07	59	53	− 1	SSW	4	c	2	63	52	0·04
Corunna	*	*	*	*	*	30·00	+ ·02	53	53	0	E	3	m	2	68	52	—
Brussels	*	*	*	*	*	30·09	+ ·13	54	53	0	NNW	1	f	*	62	51	—
Charleville	30·02	57	NW	1	o	? 30·10	+ ·15	54	50	+ 5	NW	1	o	*	64	48	—
Paris	30·05	57	Z	0	bc	30·12	+ ·12	52	51	− 1	Z	0	f	*	*	*	—
Lyons	30·04	56	NW	1	c	30·12	+ ·15	50	49	− 3	N	1	b	*	60	49	—
Toulon	29·93	60	W	7	b	30·02	+ ·14	54	49	0	NW	7	b	4	63	52	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·92	50	SSW	1	o	28·68	− ·06	51	50	+ 3	SSW	2	o	*	54	47	0·01

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·00	61	55	WNW	6	bc	2
Sumburgh Head	29·81	53	51	SSW	4	r	3
Stornoway	29·82	52	51	SSW	3	c	3
Aberdeen	29·86	58	53	SW	3	c	3
Shields	29·94	58	53	SW	3	o	3
Ardrossan	29·89	54	54	SW	2	r	2
Mullaghmore	29·84	56	54	ESE	3	og	4
Holyhead	29·94	58	55	SSW	3	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29·86	56	55	S	4	o	5
Scilly	30·00	61	59	SW	3	o	3
Dover	30·00	59	53	NE	2	b	1
London	30·01	59	53	Z	0	bf	*
Yarmouth	29·99	58	54	NNE	2	b	3
Jersey	30·06	63	58	W	2	bc	2
Rochefort	29·99	66	62	NW	1	bc	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Max.	Min.	Rain.
Ben Nevis 4406 ft 9 am on 23rd	25·36	37	37	SSW	3	f	42	34	0·07

The fall of the barometer in the W. has become rather more decided since Noon; while that in the N has ceased for the present; beyond these changes nothing important is reported. The sea is smooth both at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY, 25TH SEPTEMBER,

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s. per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)

Frost & Reed, Printers, Bristol & Clare Street, London.

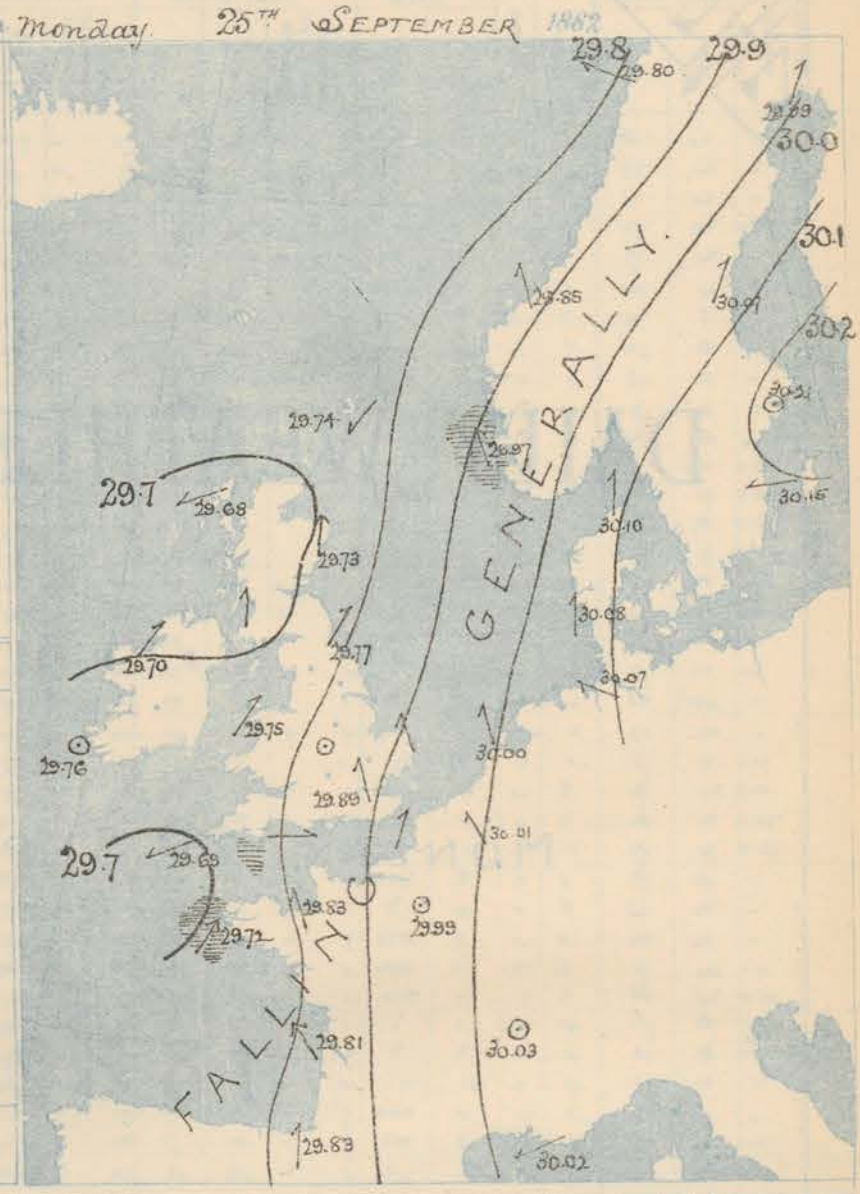
WEATHER CHARTS

for 8 a.m. on Monday 25th SEPTEMBER 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus— ⟶ = forces above 10; ⟶ = forces 8 to 10; ⟶ = forces 5 to 7; ⟶ = forces 1 to 4; ⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast, thus = Rough; = High.



MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 819
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 876
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

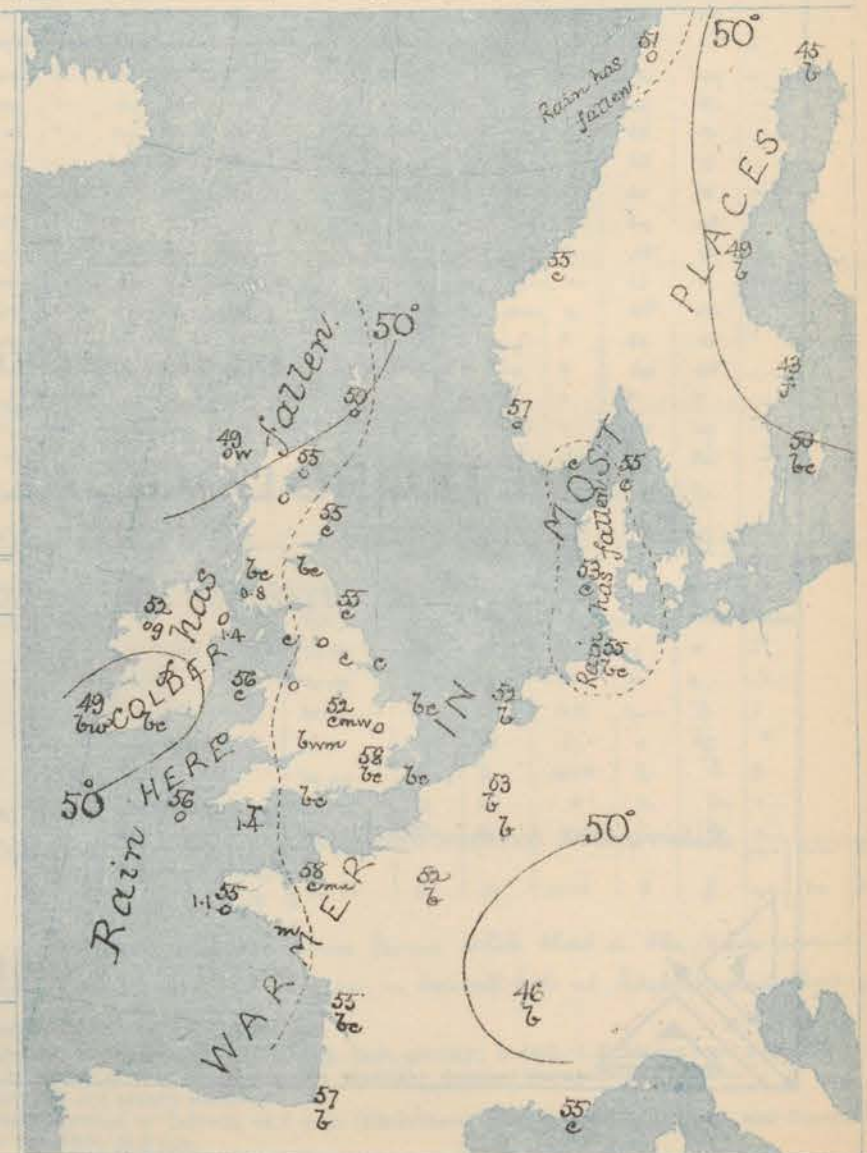
* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.



MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp. °	Rain-fall. ins
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.

REMARKS

for MONDAY 25th SEPt 1882 at 8 a.m.

The barometer is falling in almost all parts of Western Europe, and a large area of low pressure lies over Scotland and the N. of Ireland, while a small subsidiary depression is found at the mouth of the Channel. The highest pressures exist in the neighbourhood of the Baltic. Light NEly breezes prevail in the Shetlands and Hebrides, but elsewhere the wind is light or moderate from the Swly or SEnly. The weather is fine in the S. of Ireland, the SE of England, and at most of the Continental stations, but elsewhere the sky is very cloudy, and at Thorle Pt rain is falling. Rain fell yesterday at almost all our N and W stations, the amounts in some places being very heavy; at Donaghadee and Prawle Point there has been as much as 1·4 ins: and at Brest 1·1 ins: Temperature has fallen in the S.W. and ranges from 53° at Yarmouth to 44° at Parsonstown. The maxima yesterday were in most cases rather low for the time of year.

The sea is rather rough at Thorle Point, slight or smooth elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

26th SEPTEMBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light winds, chiefly NEly; dull, slight rain.	6 SCOTLAND WEST	SWly winds, light; cloudy.
2 SCOTLAND EAST	Sly winds, moderate; fair to unsettled and rainy.	7 ENGLAND N.W.	Variable or Sly breezes; cloudy, unsettled.
3 ENGLAND N E	----- D° ------- D° ------- D° ----	8. ENGLAND S.W.	Wind chiefly Sly, moderate; dull and rainy to fair
4 ENGLAND EAST	Sly winds, light or moderate; fair generally.	9 IRELAND NORTH	Light variable breezes; weather changeable occasional showers
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	--- D° ------- D° ------- D° ----
6 ENGLAND SOUTH	SEly to Sly winds, light or moderate; weather becoming dull and rainy but afterwards clearing.	WARNINGS	NONE ISSUED

Frederick Dangerfield, 22 Holford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 25th Sept 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·00	42	Z	0	b	29·99	− ·10	45	42	0	SW	2	b	*	50	41	-
Hernösand	30·22	49	S	2	b	30·07	− ·12	49	46	+ 6	SSW	2	b	*	57	36	-
Stockholm ...	30·19	45	Z	0	b	30·21	+ ·04	43	43	− 8	Z	0	f	*	55	43	-
Wisby	30·10	47	E	1	c	30·15	+ ·11	50	46	1 1	E	2	bc	*	54	46	-
Bodö	29·94	51	SE	2	r	29·80	− ·11	51	50	− 3	SSE	2	o	1	?	48	0·12
Christiansund ...	29·95	55	NNW	1	c	29·85	− ·14	55	48	+ 2	SSE	1	c	3	57	46	-
‡Skudesnaes ...	30·03	58	SSE	6	o	29·97	− ·05	57	54	+ 2	SSE	7	o	5	61	55	-
Oxö (Xtiansund) ...	30·08	54	NNE	2	o	30·01	− ·05	58	56	+ 7	S	4	c	3	?	?	0·28
Skagen (The Skaw)	30·12	54	ESE	2	bc	30·10	+ ·02	55	52	0	S	2	o	1	59	52	-
Fanö ...	30·09	55	Z	0	c	30·08	+ ·04	52	52	0	S	4	c	*	61	50	0·04
Cuxhaven ..	30·02	?	ENE	1	o	30·07	+ ·08	55	55	− 2	ESE	2	bc	*	57	52	0·04
‡Sunburgh Head	29·74	54	SSE	5	c	29·74	− ·05	50	50	− 3	NE	3	o	3	56	46	0·30
‡Stornoway	29·78	52	W	3	c	29·68	− ·01	49	49	− 1	ENE	1	ow	1	55	43	0·15
Wick	29·80	51	SW	2	c	29·67	− ·06	55	54	− 1	SSW	3	o	2	61	47	0·20
Nairn ...	29·81	54	WSW	1	c	29·67	− ·05	51	50	0	S	1	o	1	61	50	0·41
‡Aberdeen ...	29·83	56	S	1	o	29·73	− ·07	55	53	− 1	S	6	c	3	60	52	-
Leith	29·82	55	SW	1	o	29·70	− ·08	54	?	− 2	S	1	bw	*	59	50	?
‡Shields	29·87	61	WSW	2	o	29·77	− ·13	53	53	+ 2	SSW	2	cw	2	62	51	-
Spurn Head	29·96	58	SSW	3	c	29·85	− ·12	56	55	+ 1	SSE	4	c	2	62	54	-
York	29·92	58	S	1	o	29·83	− ·12	55	52	+ 2	SSE	2	c	*	62	52	-
Loughborough	29·94	57	S	1	o	29·84	− ·14	52	51	− 2	SE	1	cw	*	61	51	-
‡Ardrossan ..	29·79	54	S	1	o	29·65	− ·12	54	53	+ 1	S	3	bo	2	56	51	0·81
‡Mullaghmore ...	29·73	55	ENE	1	o	29·70	− ·07	52	51	+ 3	SW	1	oq	2	59	47	0·02
Donaghadee ...	29·79	53	SE	3	r	29·68	− ·13	52	52	+ 1	W	3	o	1	55	51	1·39
Parsonstown ...	29·74	55	NE	1	c	29·74	− ·06	44	43	− 5	S	1	f	*	58	43	0·09
Barrow-in-Furness	29·85	58	SSW	5	o	29·75	− ·12	55	54	− 2	SSE	5	o	4	60	54	-
‡Holyhead ...	29·80	58	S	4	od	29·75	− ·09	56	54	− 2	SW	3	o	2	61	53	0·10
Liverpool (Bidston)	29·85	58	SE	2	o	29·75	− ·12	55	54	− 1	SE	2	o	2	62	53	-
‡Valencia	29·74	54	SW	1	bo	29·76	− ·04	49	48	− 2	Z	0	bw	0	59	40	0·09
Roche's Point...	29·75	54	WSW	2	bo	29·75	− ·04	46	45	− 9	NNE	2	bof	3	62	43	-
Pembroke ...	29·79	56	S	3	r	29·75	− ·13	55	53	− 3	SSE	1	o	2	59	54	0·15
‡Scilly	29·72	58	S	6	opu	29·69	− ·21	56	55	− 4	SSE	2	o	3	62	53	0·03
Prawle Point ...	29·81	58	SSW	4	o	29·76	− ·24	55	55	− 2	SSE	4	r	5	61	51	1·35
Hurst Castle ..	29·91	59	SW	4	c	29·83	− ·20	59	55	+ 1	W	4	bo	2	62	55	-
‡Dover	30·02	58	SW	2	b	29·92	− ·13	58	55	+ 1	SSW	3	bo	3	61	55	-
‡London	30·00	59	SSW	2	c	29·89	− ·15	58	53	+ 4	SSE	2	bo	*	64	50	-
Oxford	29·95	54	SSE	2	bo	29·84	− ·17	57	55	+ 3	SSE	1	bw	*	62	53	-
Cambridge ..	29·98	56	S	1	o	29·87	− ·15	56	55	+ 3	SE	1	o	*	65	45	-
‡Yarmouth ...	30·01	58	SSW	2	bo	29·92	− ·10	59	57	+ 4	SSE	3	bo	3	61	53	-
The Helder ...	30·07	55	SSW	1	bo	30·00	− ·04	52	51	− 1	SSE	1	b	1	63	52	-
Cape Gris Nez																	
‡Jersey	29·99	59	SSW	2	bo	29·83	− ·24	58	57	0	SSE	4	cw	4	63	55	-
Brest	29·93	59	SSW	5	o	29·72	− ·31	55	55	− 3	SW	5	o	5	59	54	1·14
Lorient	?29·97	60	SSW	5	o	?29·74	− ·29	60	55	+ 8	S	7	w	4	63	48	0·04
‡Rochefort	30·00	63	WNW	3	b	29·81	− ·22	55	54	+ 1	SE	5	bo	1	72	54	-
Biarritz	30·00	63	N	3	b	29·83	− ·27	57	52	0	S	4	b	1	64	48	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·01	− ·08	53	50	− 1	SE	1	b	*	61	48	-
Charleville	?30·10	59	W	3	b	?29·99	− ·11	42	41	− 12	W	3	b	*	70	41	-
Paris	30·06	59	Z	0	b	29·99	− ·13	52	50	0	Z	0	b	*	*	*	-
Lyons	30·10	55	WNW	3	b	30·03		46	45		W	1	b	*	62	43	-
Toulon	30·04	57	NNW	1	b	30·02	00	55	52	+ 1	ENE	4	c	2	61	54	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·66	54	SSW	2	o	28·56	− ·12	52	50	+ 1	SSW	2	o	*	57	48	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·02	61	55	SSE	6	c	4
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields ...							
Ardrossan ...							
Mullaghmore ...							
Holyhead ...							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...							
Scilly							
Dover							
London ...							*
Yarmouth ...							
Jersey							
Rochefort ...	30·01	69	64	Z	0	bo	0
Sun Rises (4406 Sy) Sun on 24th.	28·25	38	38	SW	3	f	39

39 | 10·80

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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DAILY WEATHER REPORT

FOR

TUESDAY, 26TH SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 21 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 26th September 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

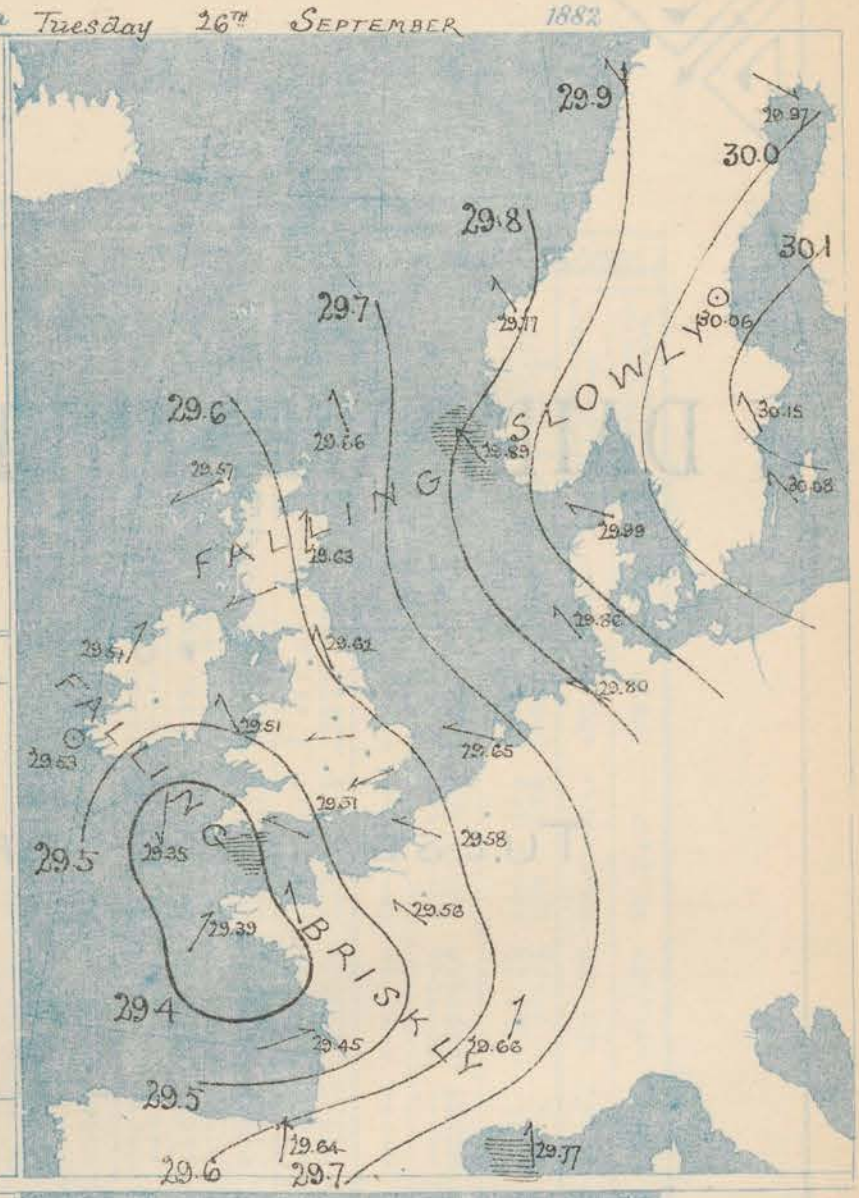
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 937
Yarmouth	29 . 916

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

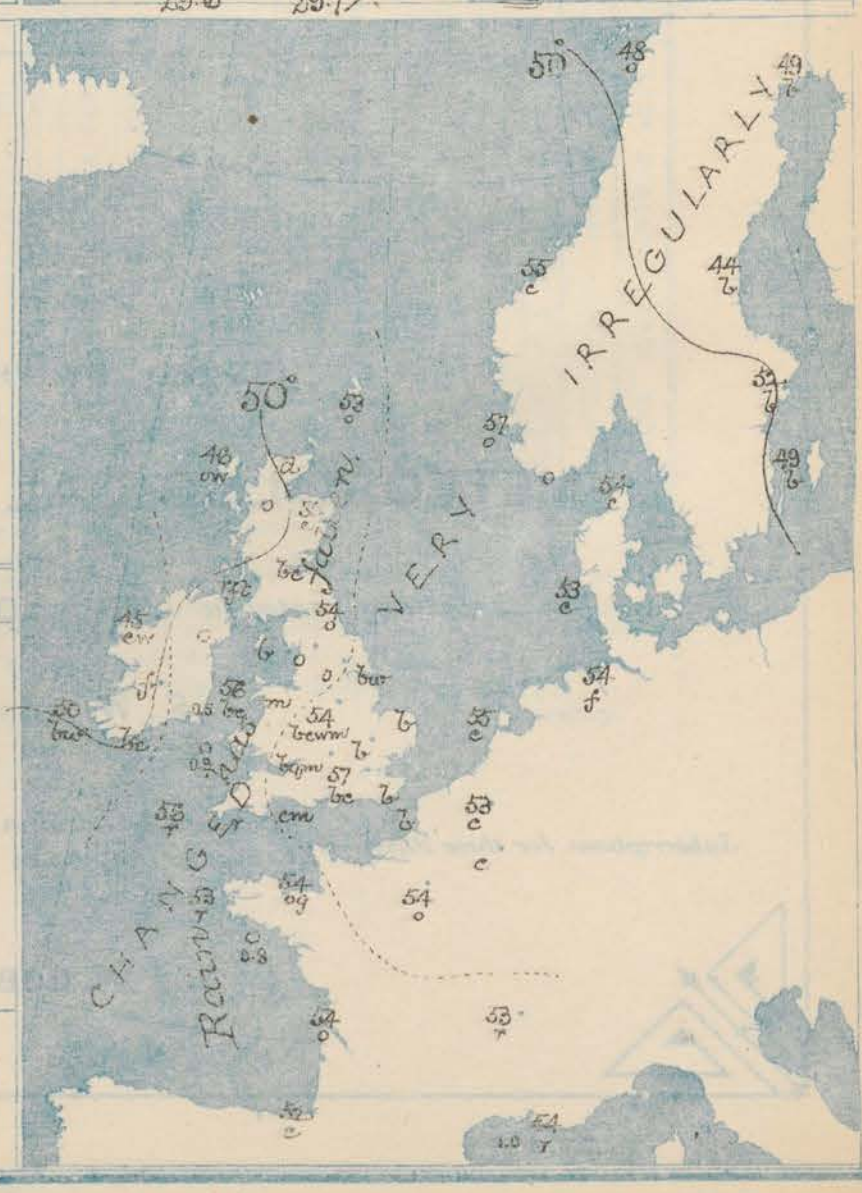
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 26th SEPTR 1882 at 8 a.m.

The small depression noticed at the mouth of the Channel yesterday, after travelling slowly SEwd has been joined by another disturbance, which now lies over the Wn part of the Channel and N. of France, and is apparently growing rather deep. The barometer is falling generally, the change in the south of England being brisk. The wind is moderate or fresh from the SEwd over our SE. coasts and the North Sea, while in Scotland it draws into S. At Rockes Point and Scilly, however, there is a Nly breeze, and in the W. of France moderate SWly and Wly winds. The weather continues fine in the south of Ireland, the SE. of England, and Sweden, but is cloudy elsewhere with rain at Scilly, Chawle Pt, and Brest, and distant thunder at Ardrossan. In the course of yesterday heavy rain fell in the SW. of England, and local showers in many other parts of the country. Temperature has changed irregularly and varies from 58° at Yarmouth to 46° at Parsonstown. The highest maxima registered yesterday were 68° in London and 66° at Loughborough.

The sea is rather rough at Chawle Point, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

27th SEPTEMBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Sly or SEly winds, light or moderate; cloudy, slight rain.	6 SCOTLAND WEST	Light winds, chiefly Sly; cloudy, some rain.
2 SCOTLAND EAST	Sly and SEly winds; moderate; fair.	7 ENGLAND N.W.	SEly and Ely winds, light; fair generally.
3 ENGLAND N.E.	---D°--------D°------D°----	8 ENGLAND S.W.	Ely to Nly or NWly winds, moderate; dull and rainy to fair.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Sly winds, light and moderate, cloudy, slight rain.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	Light winds, chiefly NWly; fair generally
6 ENGLAND SOUTH	Ely winds, moderate to fresh and gusty; fair to unsettled and rainy.	WARNINGS	NONE ISSUED.

Printed by Longfield & Ballard, St Martins-le-Grand London

METEOROLOGICAL OBSERVATIONS FOR 26th Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.89	48	SW	2	bc	29.97	-.02	49	45	+ 4	NW	2	b	*	54	37	-
Hernösand	29.97	50	S	2	b	30.06	-.01	44	42	- 5	?	0	b	*	61	37	-
Stockholm ...	30.16	44	WSW	2	b	30.15	-.06	52	49	+ 9	SSE	2	b	*	55	36	-
Wisby	30.11	44	SE	2	b	30.08	-.07	49	45	- 1	SE	2	b	*	57	43	-
Bodö	29.76	58	SW	8	o	29.88	+.08	48	48	- 3	SE	2	o	1	55	46	-
Christiansund ...	29.86	56	ESE	1	c	29.77	-.08	55	49	0	SE	3	c	3	61	50	-
‡Skudesnaes ...	29.92	51	SSE	8	c	29.89	-.08	57	52	0	SE	5	o	5	59	57	-
Oxö (Christiansund) ..	29.99	57	SSE	4	c	29.95	-.06	56	52	- 2	ESE	4	o	3	?	55	-
Skagen (The Skaw)	30.07	55	SE	4	b	29.99	-.11	54	51	- 1	ESE	4	c	2	61	52	-
Fanö	29.98	52	SE	4	c	29.86	-.22	53	53	0	SE	4	c	*	61	48	-
Cuxhaven ...	29.97	?	ESE	2	o	29.80	-.27	54	54	- 1	ESE	5	f	*	59	50	-
‡Sumburgh Head	29.61	54	SSE	4	o	29.66	-.08	53	52	+ 3	SSE	2	o	3	56	47	0.02
‡Stornoway ...	29.62	50	WSW	2	b	29.57	-.11	46	46	- 3	ENE	1	ow	1	55	40	0.01
Wick	29.66	53	Z	0	c	29.62	-.05	53	52	- 2	SSE	3	d	2	58	41	0.03
Nairn ...	29.65	56	S	1	c	29.58	-.09	47	47	- 4	Z	0	o	1	57	44	0.18
‡Aberdeen ...	29.68	56	S	5	o	29.63	-.10	56	54	+ 1	S	4	c	3	60	51	0.01
Leith	29.69	56	SW	2	bc	29.59	-.11	53	52	- 1	S	1	bc	*	63	50	0.05
‡Shields	29.72	55	Z	0	o	29.62	-.15	54	53	- 1	SSE	1	o	2	58	51	0.11
Spurn Head	29.75	58	SE	4	c	29.59	-.26	58	57	+ 2	ENE	3	bw	2	61	56	-
York	29.73	61	S	2	o	29.60	-.23	56	55	+ 1	ESE	1	o	*	65	49	0.01
Loughborough	29.72	59	ESE	1	o	29.56	-.28	54	53	+ 2	E	3	fcwr	*	66	48	-
‡Ardrossan ...	29.67	55	SSW	1	bc	29.54	-.11	53	53	- 1	ENE	2	nft	1	57	47	0.17
‡Mullaghmore ...	29.66	55	WSW	1	b	29.51	-.19	45	45	- 7	SSW	1	cw	2	57	42	-
Donaghadee ...	29.68	53	S	2	c	29.51	-.17	56	55	+ 4	SSE	4	o	2	58	45	0.23
Parsonstown ...	29.66	51	Z	0	b	29.53	-.23	40	39	- 4	Z	0	f	*	60	37	-
Barrow-in-Furness	29.59	54	NE	2	o	29.56	-.19	54	52	- 1	NE	2	b	2	57	52	0.17
‡Holyhead ...	29.65	53	ESE	1	r	29.51	-.24	56	53	0	SE	2	bc	1	58	52	0.46
Liverpool (Bidston)	29.68	55	ESE	1	r	29.53	-.25	52	51	- 3	ESE	1	b	1	56	49	0.07
‡Valencia	29.66	53	NW	2	c	29.53	-.23	?50	?49	+ 1	Z	0	bw	1	59	42	-
Roche's Point ...	29.68	47	ESE	2	bc	29.50	-.25	50	47	+ 4	NNW	3	bc	3	60	45	-
Pembroke ...	29.60	54	N	1	r	29.44	-.31	54	52	- 1	E	3	o	2	57	52	0.87
‡Scilly	29.58	56	NNW	2	o	29.35	-.34	56	55	0	N	4	r	4	59	54	0.02
Prawle Point ...	29.62	57	SSE	4	o	29.38	-.28	56	56	+ 1	ENE	5	r	5	58	55	0.15
Hurst Castle ...	29.68	60	SSE	5	c	29.44	-.39	56	55	- 3	ESE	3	cm	3	63	55	-
‡Dover	29.76	61	ESE	3	b	29.51	-.41	55	53	- 3	ESE	4	b	3	63	54	-
‡London	29.71	59	SSE	2	b	29.51	-.38	57	54	- 1	ENE	2	bc	*	68	50	-
Oxford	29.70	56	SE	3	bc	29.49	-.35	57	55	0	E	3	bqm	*	65	50	0.01
Cambridge ...	29.76	56	SE	1	bc	29.54	-.33	52	52	- 4	E	1	b	*	65	43	-
‡Yarmouth ...	29.81	59	SE	3	b	29.57	-.35	58	56	- 1	E	5	b	4	62	56	-
The Helder ...	29.86	59	ESE	1	bc	29.65	-.35	55	53	+ 3	ESE	1	c	1	63	52	-
Cape Gris Nez	29.78	56	SE	1	b	29.54		50	48		ESE	4	b	1	70	48	-
‡Jersey	29.64	61	SE	3	o	29.43	-.40	54	53	- 4	SSE	3	og	3	63	53	0.01
Brest	29.59	55	S	3	r	29.39	-.33	53	52	- 2	SW	3	r	4	55	52	0.24
Lorient	?29.58	56	SSW	5	r	?29.36	-.38	53	48	- 7	WNW	3	o	2	61	48	0.79
‡Rochefort ...	29.58	64	SW	5	r	29.45	-.36	54	52	- 1	WSW	4	o	2	75	48	0.28
Biarritz	29.77	62	W	8	r	29.64	-.19	52	50	- 5	S	5	c	4	70	48	0.28
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.58	-.43	50	51	0	SW	3	c	*	64	?	-
Charleville ...	?29.80	57	SE	4	b	?29.62	-.37	54	49	+ 12	SE	5	c	*	70	?	-
Paris	29.75	61	E	3	b	29.56	-.43	54	52	+ 2	ESE	3	o	*	*	*	-
Lyons	29.80	60	S	1	bc	29.66	-.37	53	51	+ 7	SSW	3	r	*	67	?	0.16
Toulon	29.85	59	SE	1	o	29.77	-.25	54	54	- 1	S	3	r	5	64	52	1.02
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.50	52	SSW	1	r	28.37	-.19	50	50	- 2	NE	2	o	*	55	46	0.08

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.94	59	56	SSE	8	o	5
Sumburgh Head	29.65	55	53	SSE	4	o	4
Stornoway ...	29.61	54	52	SW	2	c	2
Aberdeen ...	29.66	57	54	S	6	o	4
Shields	29.75	57	54	SW	2	o	2
Ardrossan ...	29.67	56	55	S	3	o	2
Mullaghmore ...	29.69	56	52	WNW	2	c	3
Holyhead	29.73	54	53	S	2	o	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.70	58	54	NW	3	b	3
Scilly	29.61	58	56	N	2	c	4
Dover	29.82	62	57	SW	1	b	1
London ...	29.77	66	56	SE	3	bc	*
Yarmouth ...	29.85	61	57	SSE	4	b	3
Jersey	29.71	62	60	SE	3	c	3
Rochefort ...	29.69	73	67	SSW	5	bw	2

						Max.	Min	Rain
Ben Nevis (4406 Ft) 9 a.m. 25th.	25.17	38	38	SE	4	f	31	36	0.34

The barometer continues to fall generally and the depression which lay at the mouth of the Channel this morning seems to be moving SE^ly. The wind at Scilly has shifted to N., and at Valencia a NW^ly breeze has sprung up. The weather is unchanged.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY, 27th SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield, lith. 21 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 27TH SEPTEMBER, 1882

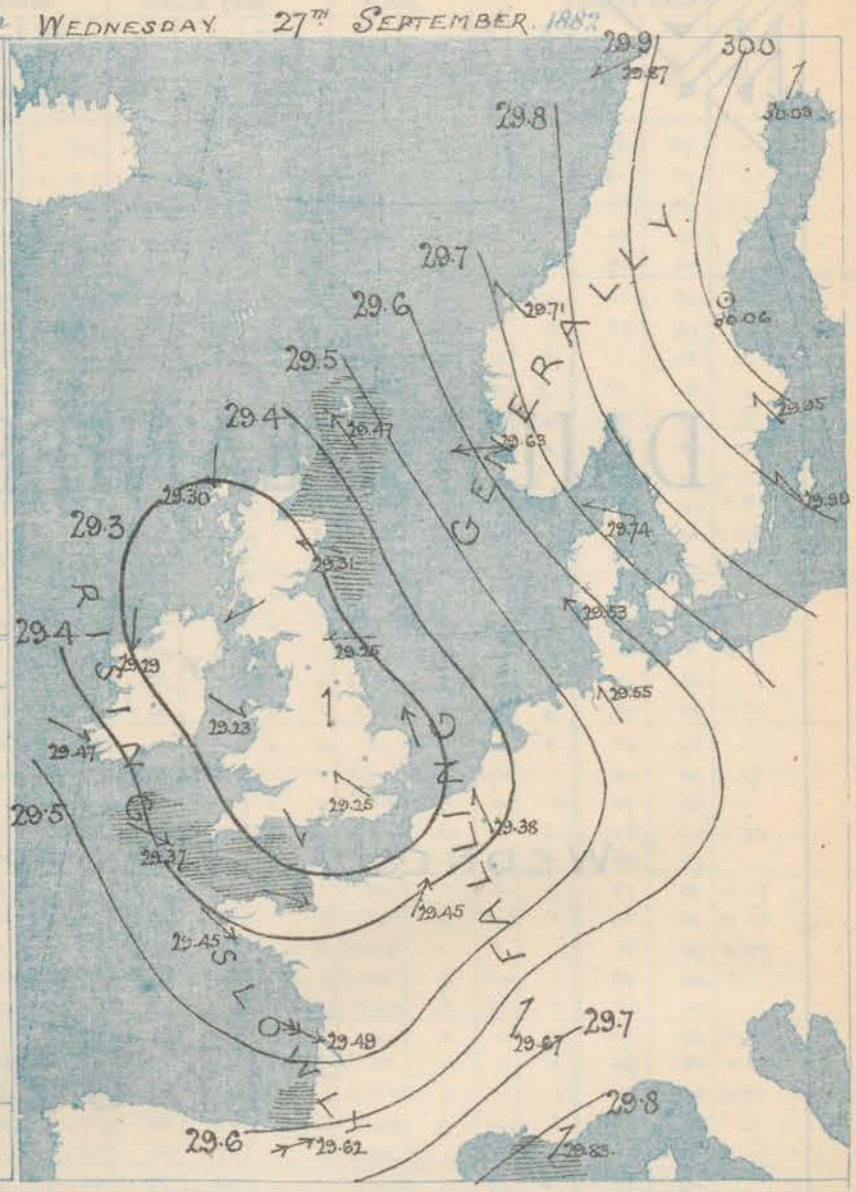
BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
⟹ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.



MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valenia	29 . 872
Roche's Pt.	29 . 876
Plymouth	29 . 935
LONDON	29 . 937
Yarmouth	29 . 918

* *These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*

TEMPERATURE AND WEATHER

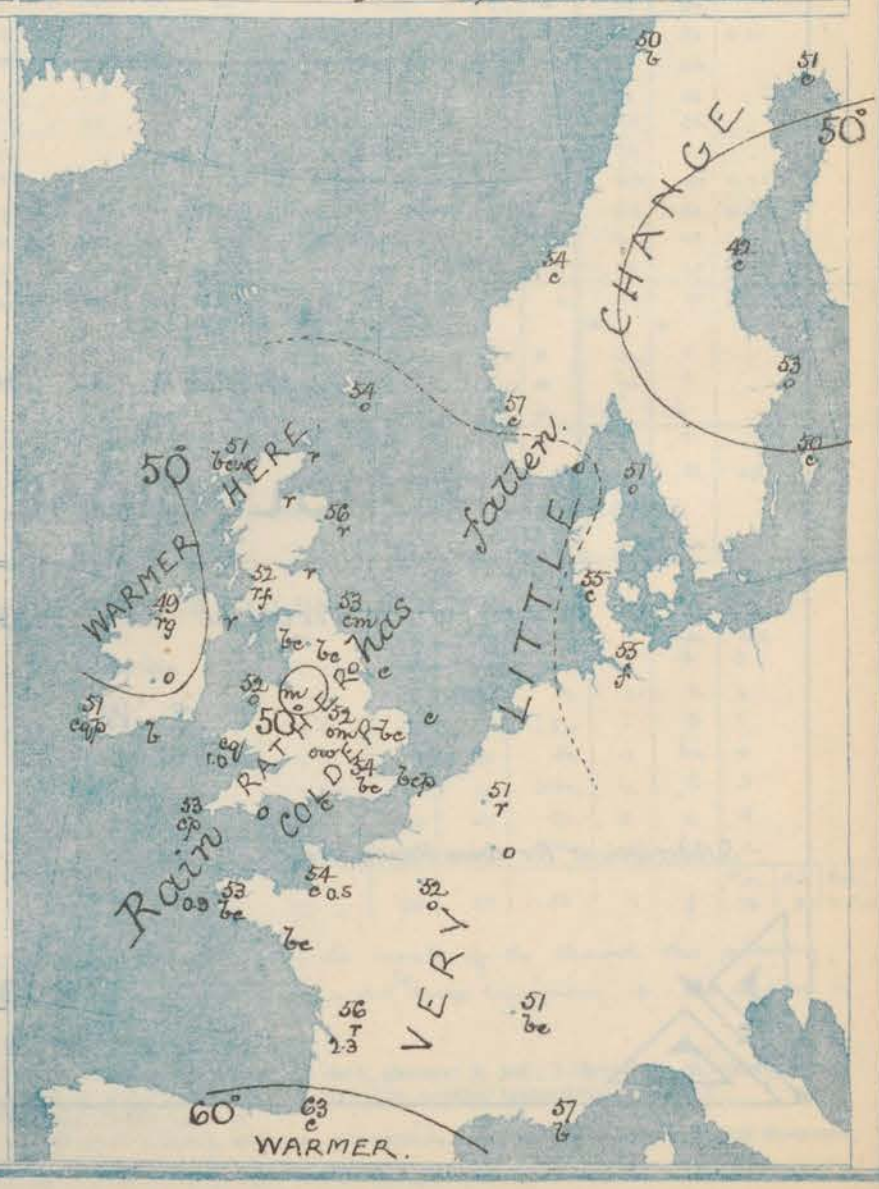
with RAINFALL *in* PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.



MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp.	Rain-fall.
	°	ins
Sumburgh Head	52·3	2.14
Sumoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	5.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* *The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*

REMARKS

for Wednesday 27th Sept. 1882 at 8 a.m.

The complex area of low pressure which lay off our SW. coasts yesterday has increased both in size and depth, and now covers the whole of Great Britain. A recovery of pressure has set in at the French and south-western stations, but in other localities the barometer continues to fall. The wind is SE by E on our N. and E coasts, as well as on the E shores of the North Sea, but in the SW. and over the Bay of Biscay it has shifted to WNW. In the NE. of Scotland a fresh SE by E gale has blown in the night, and in the N. of France strong W by S gales are now experienced. The weather is more or less cloudy generally, and rain is falling at all our N. stations. In the course of the past 24 hours rain has fallen generally; at Pembroke there was nearly an inch, and at Rochefort 2¼ ins:. Temperature has fallen a little over England and ranges from 56° at Aberdeen to 48° at Parsonstown. The highest maxima registered yesterday were 66° at Loughboro' and 65° at Barrow-in-Furness, Cambridge, and in London. The sea is rough off the SW. of England and NE of Scotland.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

28th SEPTEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SE by E winds, strong, perhaps a gale; dull, rainy.	6 SCOTLAND WEST	E by S winds, light; dull and rainy to fair.
1 SCOTLAND EAST	---D°---D°---D°---	7 ENGLAND N.W.	NW by W winds, moderate; cloudy, showery.
2 ENGLAND N E	SE by E winds, moderate or fresh, cloudy.	8 ENGLAND S W.	NW by W winds, fresh or strong; cloudy, showery.
3 ENGLAND EAST	S by E winds, moderate; fair on the whole.	9 IRELAND NORTH	---D°---D°---D°---
4 MIDLAND COUNTIES	Light variable breezes; unsettled, some rain.	10 IRELAND SOUTH	---D°---D°---D°---
5 ENGLAND SOUTH	Wind shifting to W., moderate, showery.	WARNINGS	The S cone was hoisted last evening in districts Nos 0. and part of 1.

Fredk Unwin & Co, 27 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 27th Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·05	47	Z	0	c	30·09	+ ·12	51	49	+ 2	SW	2	c	*	57	43	*
Hernösand	30·07	51	S	2	b	30·06	·00	42	41	− 2	Z	0	c	*	59	37	*
Stockholm ...	30·06	48	E	2	0	29·95	− ·20	53	48	+ 1	SE	2	0	*	55	41	−
Wisby	29·99	47	SE	4	c	29·90	− ·18	50	48	+ 1	SE	2	0	*	57	41	−
Bodö	29·87	53	E	2	0	29·87	− ·01	50	45	+ 2	ENE	2	b	1	54	46	−
Christiansund ...	29·85	53	SE	1	c	29·71	− ·06	54	46	− 1	SE	4	c	2	63	48	−
‡Skudesnaes ...	29·78	56	E	6	0	29·63	− ·26	57	51	0	E	6	c	4	61	55	−
Oxö (Christiansund) ...	29·81	55	E	6	0	29·68	− ·27	54	51	− 2	ENE	6	0	4	57	54	0·12
Skagen (The Skaw)	29·86	54	ESE	4	0	29·74	− ·25	51	49	− 3	ESE	4	0	3	55	50	−
Fanö ...	29·67	54	SE	4	bc	29·53	− ·33	55	55	+ 2	SE	5	c	*	61	52	−
Cuxhaven ...	29·67	?	ESE	4	0	29·55	− ·25	55	54	+ 1	SE	3	f	*	59	50	−
‡Sumburgh Head	29·63	54	SE	4	0	29·47	− ·19	54	53	+ 1	SE	5	0	6	56	51	0·10
‡Stornoway	29·43	54	ESE	4	r	29·30	− ·27	51	51	+ 5	N	1	bcw	2	54	44	0·02
Wick	29·50	55	SSE	5	0	29·35	− ·27	55	55	+ 2	SSE	5	r	5	58	52	0·13
Nairn ...	29·46	54	SE	1	0	29·28	− ·30	52	52	+ 5	SE	2	r	2	59	47	0·19
‡Aberdeen ...	29·51	56	SE	5	0	29·31	− ·32	56	55	0	ESE	6	r	6	60	53	0·16
Leith	29·44	54	SE	1	r	29·24	− ·35	53	53	0	ESE	2	r	*	62	51	0·22
‡Shields	29·45	55	E	3	c	29·25	− ·37	53	51	− 1	E	2	cm	2	57	51	0·29
Spurn Head ...	29·39	57	ESE	5	c	29·26	− ·33	54	53	− 4	NNE	1	a	3	60	53	0·18
York	29·41	56	E	1	b	29·27	− ·33	52	51	− 4	S	1	0	*	64	49	0·03
Loughborough ...	29·38	58	SE	2	0	29·27	− ·29	52	51	− 2	Z	0	om	*	66	49	0·01
‡Ardrossan ...	29·39	57	NE	1	of	29·21	− ·38	52	52	− 1	ENE	1	mf	1	59	50	0·01
‡Mullaghmore ...	29·37	53	ESE	2	og	29·29	− ·22	49	48	+ 4	N	5	org	4	53	45	0·29
Donaghadee ...	29·36	56	E	2	c	29·22	− ·29	53	53	− 3	E	3	r	1	59	53	0·22
Parsonstown ...	29·39	49	Z	0	0	29·34	− ·19	48	47	+ 8	W	1	0	*	?59	39	0·01
Barrow-in-Furness	29·36	58	NE	3	bc	29·24	− ·32	51	50	− 3	ESE	3	bc	2	65	50	0·03
‡Holyhead ...	29·33	57	E	2	0	29·23	− ·28	52	51	− 4	WNW	3	0	2	61	51	0·15
Liverpool (Bidston)	29·34	58	E	2	0	29·24	− ·29	49	49	− 3	SE	2	m	1	62	46	0·02
‡Valencia	29·41	52	NW	2	c	29·47	− ·06	51	49	+ 1	WNW	4	cqp	3	59	48	0·02
Roche's Point ...	29·36	55	NW	4	c	29·37	− ·13	50	47	0	WNW	4	b	3	61	46	−
Pembroke ...	29·30	53	E	1	r	29·27	− ·17	52	48	− 2	WNW	4	cq	3	62	50	0·95
‡Scilly	29·33	55	NW	6	0	29·37	+ ·02	53	51	− 3	WNW	6	cp	6	56	50	0·19
Prawle Point ...	29·34	52	SSW	2	bc	29·30	− ·02	51	49	− 5	W	5	0	6	56	46	0·07
Hurst Castle	29·37	54	S	3	bc	29·23	− ·21	51	51	− 5	NNW	2	c	2	60	?49	0·40
‡Dover	29·41	58	SW	4	b	29·23	− ·28	54	52	− 1	SSW	4	bcp	3	60	52	0·04
‡London	29·42	55	S	2	b	29·25	− ·26	54	52	− 3	ESE	1	bo	*	65	49	−
Oxford	29·36	52	SSE	1	c	29·24	− ·25	51	50	− 6	E	1	ow	*	64	49	0·01
Cambridge ...	29·39	56	SSE	1	0	29·25	− ·29	52	51	0	SE	1	bc	*	65	48	−
‡Yarmouth ...	29·44	59	SSE	3	b	29·26	− ·31	55	52	− 3	SSE	5	c	4	60	53	0·17
The Helder ...																	
Cape Gris Nez																	
‡Jersey	29·36	54	SSW	2	bcw	29·36	− ·07	54	51	0	WNW	6	c	5	58	50	0·47
Brest	29·33	51	NNW	8	r	29·45	+ ·06	53	51	0	NW	5	bc	4	53	50	0·87
Lorient	?29·30	54	WNW	7	r	29·41	+ ·05	55	51	+ 2	WNW	8	bc	4	59	48	0·43
‡Rochefort ...	29·42	57	WSW	7	r	29·49	+ ·04	56	53	+ 2	WNW	11	r	3	66	54	2·29
Biarritz	29·70	61	W	1	0	29·62	− ·02	63	56	+ 11	WSW	9	c	5	63	?	0·20
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·38	− ·20	51	49	− 1	SSE	4	r	*	65	50	0·16
Charleville ...	?29·35	54	SE	5	0	?29·47	− ·18	52	49	− 2	S	9	0	*	?	48	0·04
Paris	29·49	55	E	3	0	29·45	− ·11	52	49	− 2	SSW	7	0	*	*	*	−
Lyons	29·65	53	S	3	bc	29·67	+ ·01	51	50	− 2	SSW	1	bc	*	58	48	0·24
Toulon	29·75	56	Z	0	bc	29·83	+ ·06	57	52	+ 3	SW	3	b	6	57	52	0·08
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·20	52	E	2	0	28·05	− ·32	49	47	− 1	ESE	2	bc	*	59	44	0·27

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·84	60	54	ESE	2	0	4
Sumburgh Head	29·54	55	54	SSE	4	0	4
Stornoway ...	29·49	52	51	ESE	3	0	3
Aberdeen ...	29·56	58	56	SE	4	c	3
Shields	29·51	57	56	ESE	3	0	2
Ardrossan ...	29·47	57	56	E	3	0	2
Mullaghmore ...	29·43	53	50	Z	0	c	0
Holyhead	29·41	61	56	E	3	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·44	52	50	WSW	2	cp	3
Scilly	29·35	54	53	NNW	6	cp	5
Dover	29·44	58	55	WSW	3	bc	2
London ...	29·43	60	56	SE	4	0	*
Yarmouth ...	29·48	60	59	SE	4	b	3
Jersey	29·39	58	54	SSE	2	bc	3
Rochefort ...	29·36	56	53	WSW	7	r	7
Ben Nevis (4406 ft) 9 a.m. on 26th.	25·06	39	33	SW	5	f	Max 39 Min 33 Rain 0·32

The barometer continues to fall generally, and the depression over the Channel and W. of France seems to be increasing in size. At Scilly and Rochefort the winds have freshened and at Valencia a light WSW. breeze has sprung up. The weather is not materially altered.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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DAILY WEATHER REPORT

FOR

THURSDAY 28TH SEPTEMBER.

1882

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WEATHER CHARTS

for 8 a.m. on Thursday 28th SEPTEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

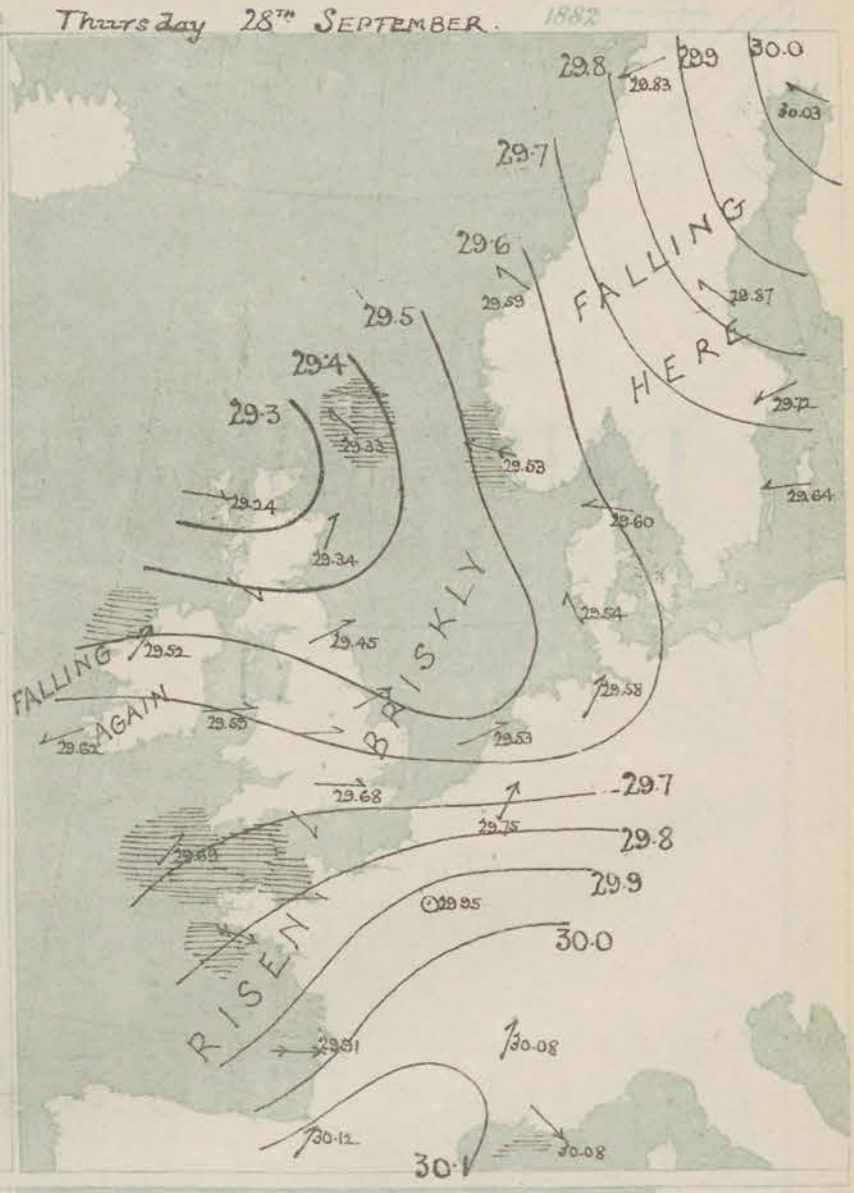
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus – ⟶ – forces above 10; ⟶ – forces 8 to 10; ⟶ – forces 5 to 7; ⟶ – forces 1 to 4; ⊙ – dead calm.
Sea Disturbance; where considerable is shown by shading round the coast, thus – Rough; – High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations	Mean Readings
	Ins.
Nairn	29 775
Aberdeen	29 784
Leith	29 819
Scarborough	29 830
Ardrossan	29 828
Greencastle	29 818
Holyhead	29 857
Valentia	29 872
Roche's Pt.	29 876
Plymouth	29 935
LONDON	29 927
Yarmouth	29 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

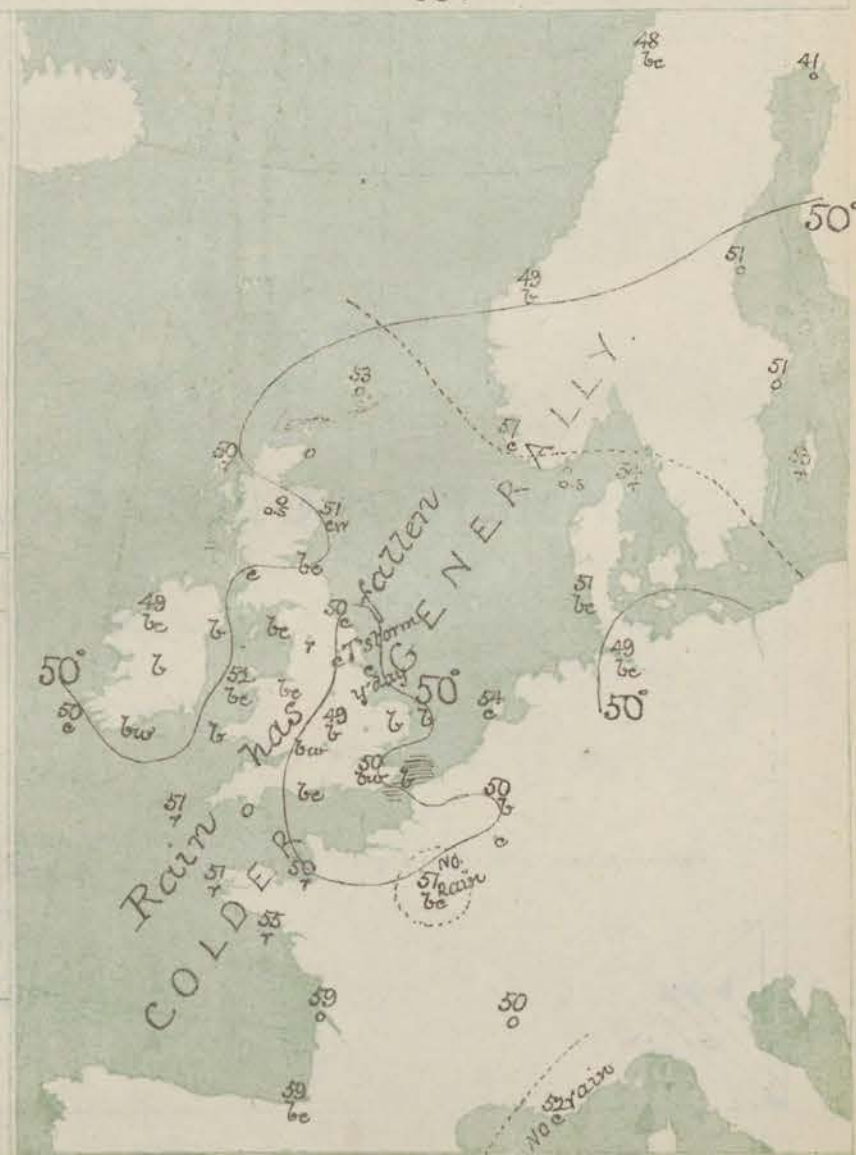
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp	Rain-fall
	°	Ins.
Sumburgh Head	52·3	2·14
Stornoway	52·4	4·54
Aberdeen	54·5	3·58
Shields	55·8	2·81
York	56·6	3·12
Mullaghmore	55·2	?
Holyhead	57·0	3·54
Parsonstown	55·8	3·68
Valencia	56·4	6·19
Scilly (St Mary's)	59·2	4·61
Thorsé Castle	62·3	?
Dover	59·5	3·00
LONDON	59·2	2·71
Yarmouth	58·7	3·17

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday. 28th Sept. 1882 at 8 a.m.

The area of low pressure which lay over Great Britain yesterday has passed away to the N.W. of Scotland, and the barometer has consequently risen over the whole of our Islands and France, while the wind has veered to the W., and the weather improved generally. In the S. of Ireland, however, a new fall of the barometer has already set in, and the wind in the SW of England has backed to SW, while dull rainy weather is reported from Scilly and the NW. of France. The highest pressures are found over the S. of France, but an area of comparatively high readings still exists over the N. of Sweden. In the course of yesterday rain fell at nearly all our stations, and thunderstorms occurred over some of the midlands and N. counties. Temperature has fallen a few degrees generally, and readings in our Islands now range from 53° at Sumburgh Head and Pembroke to 42° at Parsonstown. The highest or maximum reported yesterday was 63° at Loughborough and Cambridge; in London the thermometer did not exceed 60°. The sea is rough in the Channel, at Sumburgh Head and Ballycastle.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

29th SEPTEMBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SWly and Sly winds, moderate; cloudy, some rain.	6 SCOTLAND WEST	Same as No. 2
2 SCOTLAND EAST	Wly and SWly winds, moderate; fair on the whole.	7 ENGLAND N.W.	Same as No. 2.
3 ENGLAND N.E.	Wly and SWly winds, moderate; fair generally, but some showers.	8 ENGLAND S.W.	Sly to SWly or Wly winds, moderate or fresh; dull and rainy to fair.
4 ENGLAND EAST	Wly to SWly winds, light or moderate; fair to unsettled and showery.	9 IRELAND NORTH	SWly and Wly winds, moderate and fresh; showery.
5 MIDLAND COUNTIES	---Do---Do---Do---	10 IRELAND SOUTH	Light variable breezes; unsettled, some rain.
6 ENGLAND SOUTH	Wly to SWly winds, moderate; fine to dull and rainy.	WARNINGS	The S. Cone, which was hoisted last eve. in districts 8.9.10 & parts of 5 and 7 has been lowered again this morning

METEOROLOGICAL OBSERVATIONS FOR 28th SEPT 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·08	42	Z	0	b	30·03	— ·06	41	41	— 10	SE	2	o	*	54	39	—
Hernösand	29·93	50	SSE	2	o	29·87	— ·19	51	49	+ 9	SE	2	o	*	57	39	—
Stockholm ...	29·82	51	E	2	o	29·72	— ·23	51	50	— 2	ENE	2	o	*	55	46	0·04
Wisby	29·78	51	SE	2	o	29·64	— ·26	53	52	+ 3	E	4	r	*	55	46	—
Bodö	29·80	49	ENE	2	b	29·83	— ·04	48	45	— 2	ENE	2	bc	1	59	43	—
Christiansund ...	29·66	53	ESE	1	b	29·59	— ·12	49	45	— 5	ESE	3	b	2	61	46	—
‡Skudesnaes ...	29·56	57	E	7	c	29·53	— ·10	51	50	0	ESE	8	c	5	59	57	—
Oxö (Christiansund) ...	29·62	54	E	8	r	29·56	— ·12	54	52	0	ENE	8	o	4	54	?	0·47
Skagen (The Skaw)	29·68	54	ESE	4	o	29·60	— ·14	54	53	+ 3	ESE	3	r	2	55	50	0·02
Fanö ...	29·54	55	SE	4	c	29·54	+ ·01	51	51	— 4	SSE	2	bc	*	61	48	0·08
Cuxhaven ...	29·56	?	S	2	bc	29·58	+ ·03	49	49	— 6	SW	3	bc	*	59	45	—
‡Sumburgh Head	29·39	54	ESE	6	r	29·33	— ·14	53	52	— 1	SE	4	o	6	57	50	0·43
‡Stornoway	29·21	54	E	1	o	29·24	— ·06	50	49	— 1	W	4	r	3	57	44	0·22
Wick	29·26	53	SE	5	c	29·30	— ·05	51	50	— 4	WSW	2	o	2	58	50	0·02
Nairn ...	29·21	52	SE	1	o	29·30	+ ·02	48	47	— 4	Z	0	o	1	56	48	0·46
‡Aberdeen ...	29·27	54	SE	5	c	29·34	— ·03	51	49	— 5	SSW	1	cw	4	57	45	0·06
Leith	29·24	52	WNW	1	c	29·40	+ ·16	50	47	— 3	W	4	bc	*	57	44	0·08
‡Shields	29·27	52	SSE	1	cm	29·45	+ ·20	50	48	— 3	WSW	3	c	2	56	46	—
Spurn Head	29·31	55	SSW	2	c	29·49	+ ·23	?50	49	— 4	WSW	6	c	3	56	49	0·40
York	29·30	51	SW	1	b	29·52	+ ·25	50	48	— 2	W	3	c	*	60	48	0·06
Loughborough ...	29·33	52	W	4	o	29·60	+ ·33	49	45	— 5	W	3	b	*	63	45	—
‡Ardrossan ...	29·23	54	S	1	o	29·44	+ ·23	52	52	0	WNW	3	c	2	57	50	0·10
‡Mullaghmore ...	29·39	49	WNW	6	rq	29·62	+ ·23	49	47	0	SW	5	bc	5	53	47	0·28
Donaghadee ...	29·31	48	W	4	r	29·52	+ ·30	47	46	— 6	W	4	b	2	60	42	0·19
Parsonstown ...	29·49	50	W	2	bc	29·61	+ ·27	42	41	— 6	S	1	b	*	56	38	—
Barrow-in-Furness	29·27	56	S	3	bc	29·50	+ ·26	51	48	0	NW	4	bc	4	59	50	0·15
‡Holyhead ...	29·35	52	W	6	oqr	29·59	+ ·36	52	49	0	W	4	bc	3	53	49	0·03
Liverpool (Bidston)	29·33	50	WNW	5	o	29·56	+ ·32	50	48	+ 1	WSW	4	bc	4	59	48	0·58
‡Valencia	29·62	48	WNW	4	cp	29·62	+ ·15	50	48	— 1	ENE	1	c	2	59	43	0·10
Roche's Point ...	29·57	52	NW	5	bc	29·65	+ ·28	49	46	— 3	NW	1	bw	3	55	40	0·01
Pembroke ...	29·46	55	WNW	4	bc	29·64	+ ·37	53	50	+ 1	W	3	b	4	55	50	0·03
‡Scilly	29·61	55	WNW	7	c	29·69	+ ·32	51	51	— 2	SW	4	r	5	57	50	0·24
Prawle Point ...	29·55	52	W	6	bc	29·73	+ ·43	51	48	0	WSW	4	o	5	56	47	0·10
Hurst Castle ...	29·45	53	NW	5	bc	29·72	+ ·49	48	47	— 3	NNW	2	bc	4	58	47	0·06
‡Dover	? 29·43	54	WSW	4	o	? 29·66	+ ·43	50	47	— 4	WSW	3	b	?	58	46	?
‡London	29·41	53	W	3	c	29·68	+ ·43	50	47	— 4	W	3	bw	*	60	43	0·04
Oxford	29·46	50	WSW	4	c	29·67	+ ·43	48	45	— 3	WSW	4	bw	*	56	44	0·02
Cambridge ...	29·36	53	W	1	c	29·64	+ ·39	49	47	— 3	SW	1	b	*	63	41	—
‡Yarmouth ...	29·30	57	SSW	2	bc	29·59	+ ·33	49	47	— 6	W	4	b	2	58	45	0·03
The Helder ...	29·43	54	SSE	3	c	29·53		54	51		WSW	5	c	3	57	52	0·24
Cape Gris Nez	29·43	56	WSW	8	o	?		53	50		?	8	b	6	63	50	0·39
‡Jersey	29·60	57	W	8	crhq	29·8	+ ·45	50	50	— 4	W	4	rm	5	58	49	0·34
Brest	29·69	55	NNW	4	o	29·83	+ ·38	51	48	— 2	WNW	4	r	4	57	50	0·28
Lorient	? 29·67	56	NW	9	c	? 29·82	+ ·41	55	51	0	WNW	8	r	6	57	50	0·28
‡Rochefort ...	29·75	59	NW	8	c	29·91	+ ·42	59	55	+ 3	W	8	o	3	63	48	0·16
Biarritz	29·95	61	W	8	o	30·12	+ ·50	59	54	— 4	SW	5	bc	3	64	52	0·16
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·75	+ ·37	50	47	— 1	SW	7	b	*	58	46	0·04
Charleville ...	? 29·60	50	W	5	o	? 29·81	+ ·34	48	45	— 4	WNW	5	c	*	62	46	0·16
Paris	29·62	65	SSW	4	b	29·95	+ ·50	51	48	— 1	Z	0	bc	*	*	*	—
Lyons	29·80	55	W	1	o	30·08	+ ·41	50	45	— 1	SSW	1	o	*	58	46	0·20
Toulon	29·94	58	NW	7	bc	30·08	+ ·25	52	48	— 5	NW	7	c	7	66	52	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·09	49	SSW	1	o	28·28	+ ·23	45	45	— 4	W	3	r	*	52	43	0·06

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·59	59	50	ESE	7	o	3
Sumburgh Head	29·43	55	53	ESE	5	o	6
Stornoway ...	29·26	56	55	E	3	r	2
Aberdeen ...	29·37	56	54	SSE	5	o	6
Shields	29·25	55	54	SSE	1	cm	3
Ardrossan ...	29·22	54	54	Z	0	r	0
Mullaghmore ...	29·38	51	49	NW	7	rqq	6
Holyhead	29·30	51	49	W	4	o	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·57	54	50	WNW	5	bcpq	6
Scilly	29·53	57	54	WNW	7	c	6
Dover	29·26	58	55	WSW	4	cp	5
London ...	29·31	57	53	W	3	o	*
Yarmouth ...	29·28	57	54	SSE	2	bc	3
Jersey	29·49	56	54	WNW	6	bc	5
Rochefort ...	29·63	59	54	WNW	8	c	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.	MAX	MIN	RAIN
Ben Nevis 4406 ft. 9am on 27th	24·84	39	38	E	4	f		39	35	0·12

The rise in the barometer noticed in the SW. has now extended to all but our extreme N. stations, where the mercury continues to fall slowly. The NW. wind in the W. and SW. have freshened considerably, but the SE. breeze in the E. of Scotland is dying down. The weather is little changed.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY, 29th SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/L per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield, Lith. 21 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on FRIDAY 29th SEPTEMBER 1882

BAROMETER, WIND & SEA

Explanation of Map.

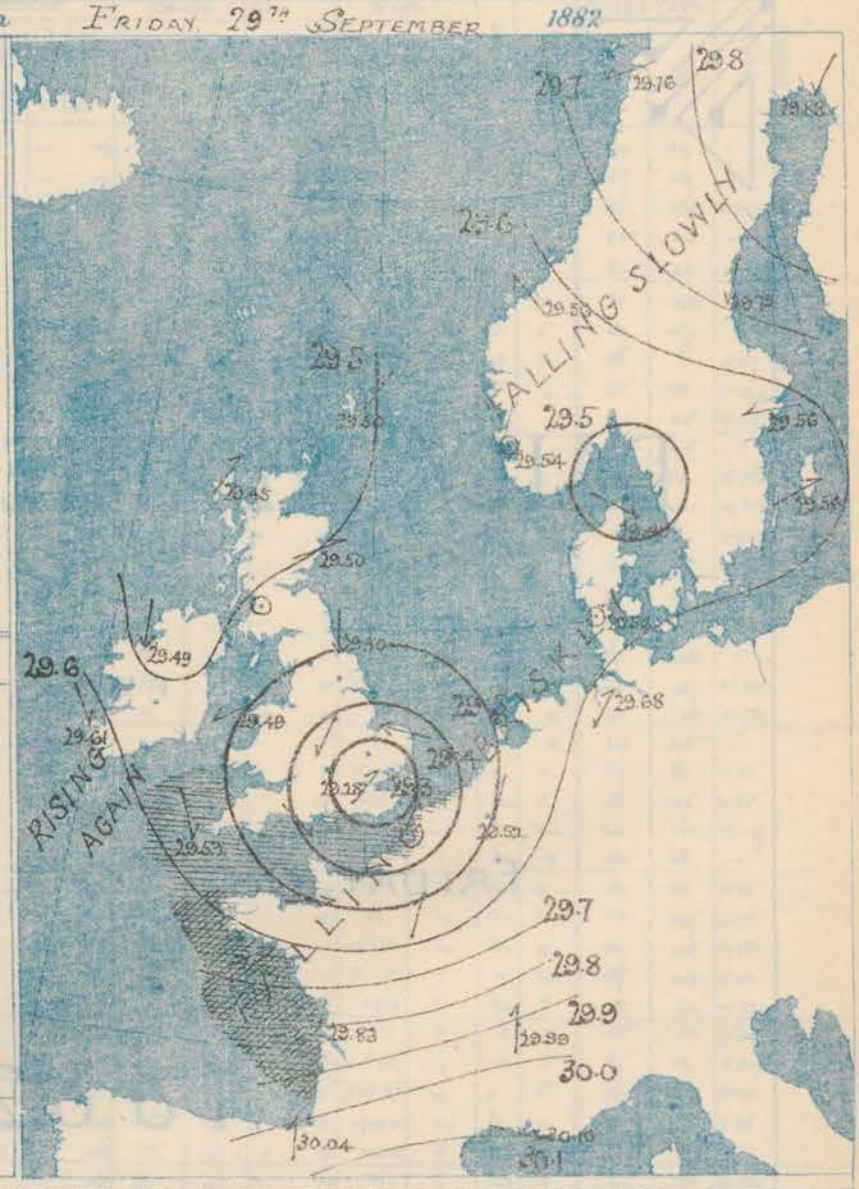
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟫ - forces above 10; ⟩ - forces 8 to 10
→ - forces 5 to 7; — - forces 1 to 4;
⊙ - dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast; thus ▒ - Rough; ▒ - High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings. Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 814
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 837
Yarmouth	29 . 918

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS

Explanation of Map.

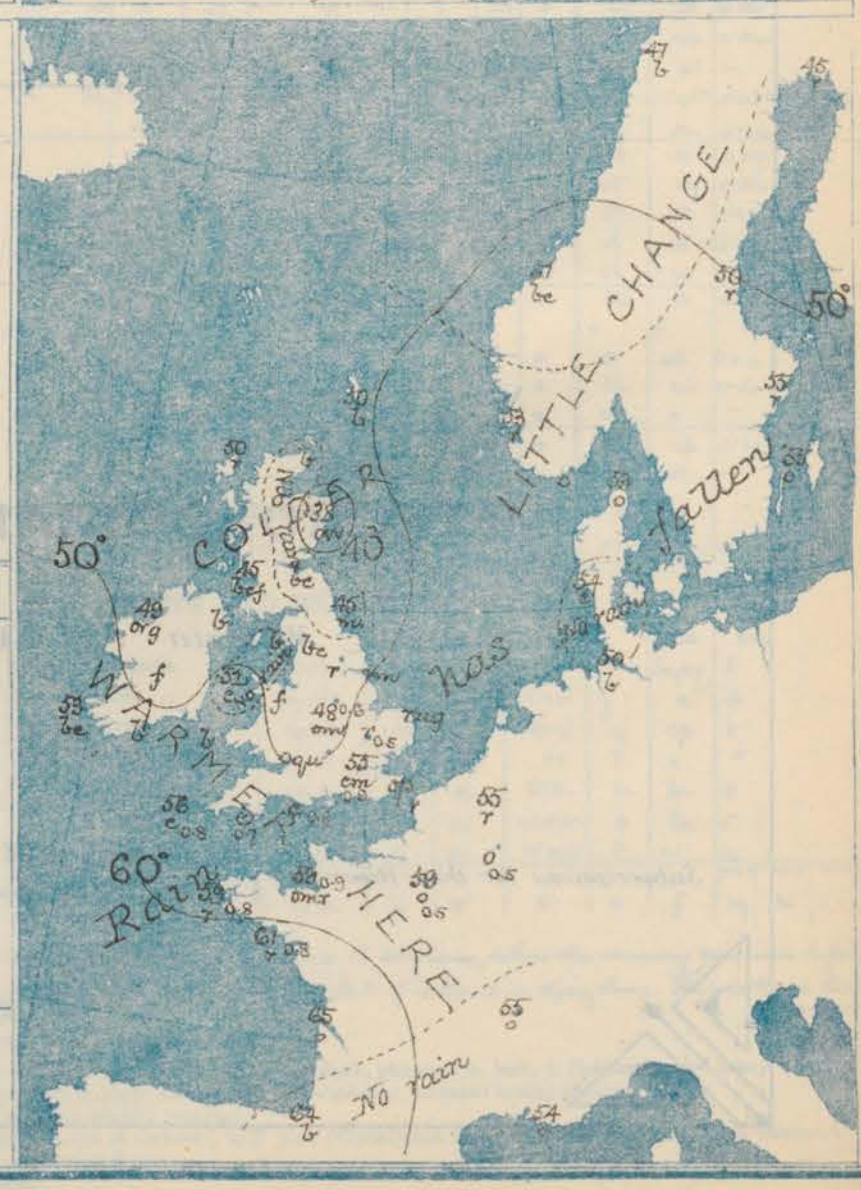
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valentia	56·4	5.19
Scilly (St. Mary's)	59·2	4.61
Thorst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

* The mean Temperatures are those for the 13 years 1857–69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Friday 29th SEPT 1882 at 8 a.m.

In the course of the past night a small and rather deep depression has advanced from the SWward over southern England, causing heavy rains at all our southern stations, and a moderate or fresh gale in the Channel. The centre of the disturbance now lies near London, and the barometer is falling in the S and E districts, while a slight recovery is in progress in the SW. In Scotland the winds are light and variable, but in other localities they circulate round the centre of the depression, being light or moderate from E. over the N. and E of England, moderate from NW. on our SW coasts, strong to a gale from W. over the Channel and Bay of Biscay and strong from SW. in the Straits of Dover. The weather is fine in the N. of Scotland and S. of Ireland, cloudy and unsettled elsewhere, with rain over the E. of England and NW. of France. The largest amounts of rain measured this morning are 0.8 in: at Scilly, Prawle Pt, Brest, and Lorient, and 0.9 in in London and at Jersey. Temperature has risen fast in the S., and varies from 59° at Dover to 38° at Aberdeen. The sea is high in the Bay of Biscay, rough in the Channel and round the SE of England.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

30th SEPTEMBER.

(ISSUED AT 11 a.m on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Light variable breezes; cloudy, some rain.	6 SCOTLAND WEST	Same as No 0
1 SCOTLAND EAST	E'ly winds, shifting to N. light or moderate; cloudy and unsettled to fair.	7 ENGLAND N.W.	Same as No 3
2 ENGLAND N E	---- Do ---- Do ---- Do ----	8. ENGLAND S.W.	NW'ly to W'ly or SW'ly winds, moderate or fresh; cloudy, rainy.
3 ENGLAND EAST	Wind shifting to NW. or N., fresh, showery to fair.	9 IRELAND NORTH	NW'ly winds, light or moderate; unsettled, some rain.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	NW'ly to variable breezes, light; fair to dull and unsettled.
5 ENGLAND SOUTH	NW'ly winds, backing later, fresh or strong; unsettled, showery.	WARNINGS	The S. cone was hoisted last evening in districts 5. and 8.

Frederick Dangerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 29th Sept. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	FAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.97	44	Z	0	c	29.88	-.15	48	45	+ 4	NE	4	n	*	52	36	-
Hernösand	29.82	51	ENE	2	0	29.75	-.12	50	50	- 1	NE	2	n	*	54	43	-
Stockholm ...	29.62	54	ENE	2	n	29.56	-.16	55	54	+ 4	E	2	n	*	?	50	0.24
Wisby	29.54	56	ESE	2	c	29.56	-.08	55	54	+ 2	WSW	4	0	*	57	50	0.04
Bodö	29.80	48	ENE	2	b	29.76	-.07	47	43	- 1	ENE	2	b	1	55	43	-
Christiansund ..	29.59	51	ESE	1	b	29.56	-.03	51	46	+ 2	SE	1	bc	1	61	45	-
‡Skudesnaes ...	29.62	53	ESE	2	n	29.54	+.01	53	51	- 4	Z	0	n	2	?	?	-
Oxö (Christiansund) ..	29.58	50	NNE	6	n	29.51	-.05	50	49	- 4	N	2	0	2	54	48	0.24
Skagen (The Skaw)	29.54	53	E	3	n	29.49	-.11	53	53	- 1	WNW	2	0	1	54	50	0.32
Fanö ..	29.56	55	WSW	2	c	29.56	+.02	54	53	+ 3	Z	0	c	*	59	50	-
Cuxhaven ..	29.63	?	W	2	bc	29.68	+.10	50	50	+ 1	SW	2	b	*	55	46	-
‡Sumburgh Head	29.47	50	SSW	1	bc	29.50	+.17	50	49	- 3	NE	1	b	4	57	43	0.01
‡Stornoway	29.44	49	SW	4	b	29.45	+.21	50	49	0	SW	4	n	4	55	43	0.01
Wick	29.46	55	W	3	bc	29.50	+.20	44	42	- 7	Z	0	b	2	59	33	-
Nairn ...	29.48	50	SW	1	b	29.49	+.19	43	41	- 5	Z	0	0	1	57	37	-
‡Aberdeen ...	29.50	56	NW	1	bc	29.50	+.16	38	37	- 13	NSW	1	0m	2	62	34	0.02
Leith	29.55	50	SW	1	b	29.47	+.07	45	44	- 5	SW	1	bc	*	60	36	-
‡Shields	29.59	53	W	2	bc	29.50	+.05	45	43	- 5	N	1	m	2	59	41	-
Spurn Head ..	29.62	54	WSW	3	b	29.45	-.04	50	48	0	ENE	4	n	3	57	48	0.11
York	29.63	52	W	1	b	29.49	-.03	45	44	- 5	N	1	n	*	62	42	0.07
Loughborough	29.65	51	Z	0	bc	? 29.40	-.20	48	47	- 1	NNE	4	om	*	62	45	0.57
‡Ardrossan ...	29.55	52	S	3	c	29.51	+.07	45	45	- 7	NE	1	bcg	1	58	42	0.02
‡Mullaghmore ...	29.51	54	SSE	2	c	29.49	-.03	49	48	0	N	5	ong	4	56	46	0.09
Donaghadee ...	29.57	48	SSE	2	c	29.51	-.01	45	45	- 2	WNW	2	b	0	59	45	0.01
Parsonstown ...	29.55	51	S	1	0	29.55	-.06	44	43	+ 2	Z	0	f	*	58	37	0.03
Barrow-in-Furness	29.61	54	SW	3	bc	29.47	-.03	47	45	- 4	N	2	b	2	58	46	-
‡Holyhead ...	29.61	54	SSW	2	c	29.49	-.10	52	49	0	ENE	3	c	2	59	48	-
Liverpool (Bidston)	29.62	52	Z	0	bc	29.47	-.09	49	47	- 1	ENE	2	f	2	56	47	0.11
‡Valencia	29.51	52	ESE	1	0g	29.61	-.01	53	49	+ 3	NW	3	bc	2	55	46	0.06
Roche's Point ...	29.52	52	SSE	4	0	29.55	-.10	51	49	+ 4	WNW	4	b	4	56	47	0.20
Pembroke ...	29.59	54	SSW	3	c	29.49	-.15	52	50	- 1	NNW	3	b	3	58	48	0.36
‡Scilly	29.49	53	SE	6	n	29.53	-.16	56	54	+ 5	NNW	4	c	6	56	50	0.77
Prawle Point ...	29.65	51	SSE	3	n	29.47	-.16	55	53	+ 4	NW	4	c	5	58	50	0.69
Hurst Castle ...	29.69	55	WSW	2	c	29.37	-.33	57	55	+ 9	NW	7	c	5	60	48	0.76
‡Dover ...	29.70	55	SW	4	c	29.28	-.38	59	57	+ 9	SW	7	0p	6	65	50	0.16
‡London	29.70	54	WSW	3	c	29.28	-.40	55	55	+ 5	SW	2	cr	5	63	50	0.90
Oxford	29.65	51	NW	1	0	29.30	-.37	50	50	+ 2	NNW	4	0qr	*	62	48	0.52
Cambridge ..	29.68	56	SW	1	c	29.36	-.38	51	51	+ 2	NW	1	n	*	62	41	?
‡Yarmouth ...	29.67	54	W	1	b	29.33	-.26	53	52	+ 4	ESE	7	rqu	6	58	48	0.30
The Helder ...																	
Cape Gris Nez	29.74	52	SSW	5	c	29.36	?	60	59	+ 7	?	9	n	6	?	48	0.35
‡Jersey	29.72	52	SSE	2	m	29.51	-.30	59	59	+ 9	W	7	mn	6	61	49	0.89
Brest	29.68	59	WSW	7	n	29.52	-.29	69	59	+ 8	W	4	n	7	59	50	0.75
Lorient	29.72	61	W	8	n	? 29.60	-.22	61	60	+ 6	WSW	9	n	8	61	?	0.75
‡Rochefort ...	29.86	63	W	9	n	29.83	-.08	65	61	+ 6	WSW	9	o	7	?	52	0.20
Biarritz	30.12	64	E	1	bc	30.04	-.08	64	56	+ 5	S	3	b	3	72	54	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.52	-.22	55	54	+ 5	SSW	4	n	*	58	47	0.12
Charleville ...	-	-	-	-	-	? 29.65	-.16	57	54	+ 9	SSW	7	b	*	63	46	0.55
Paris	29.82	51	SE	3	n	?	?	59	57	+ 8	SSW	4	n	*	*	*	0.52
Lyons	30.01	53	S	3	0	29.99	-.09	55	52	+ 5	S	4	0	*	59	?	-
Toulon	30.10	56	W	5	b	30.10	+.02	54	?	+ 2	WNW	7	c	3	63	52	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.40	43	S	1	b	28.28	-.00	44	42	- 1	E	1	bc	*	52	35	0.04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.58	58	51	ESE	4	0	4
Sumburgh Head	29.39	55	52	SE	3	c	6
Stornoway ...	29.38	53	50	WSW	4	c	3
Aberdeen ...	29.44	58	53	N	1	c	4
Shields	29.54	56	51	W	4	c	2
Ardrossan ...	29.53	54	54	N	3	c	3
Mullaghmore ...	29.54	54	49	SW	4	c n	3
Holyhead	29.53	57	51	SW	4	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.57	52	50	SSE	3	0	4
Scilly	29.63	52	52	S	4	n	5
Dover	29.70	58	51	SW	3	bc	3
London ...	29.70	60	51	WNW	3	bc	*
Yarmouth ...	29.64	57	50	NSW	3	b	2
Jersey	29.76	52	51	S	3	n	3
Rochefort ...	29.88	61	49	W	8	n	4
Ben Nevis (4406 ft) Dam on 29th	24.93	33	33	W	5	f	Max 39, Min 32, Rain 1.09

The barometer continues to rise at all but our SW° stations, where it falls steadily. The wind has backed to SW in the NW. and to S. in the SW., but is at present of moderate strength generally. Weather continues fine in the E., but is dull in the SW with rain at Scilly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY 30th SEPTEMBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/- per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield Lith. 24 Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on SATURDAY, 30TH SEPTEMBER. 1882

BAROMETER, WIND & SEA

Explanation of Map.

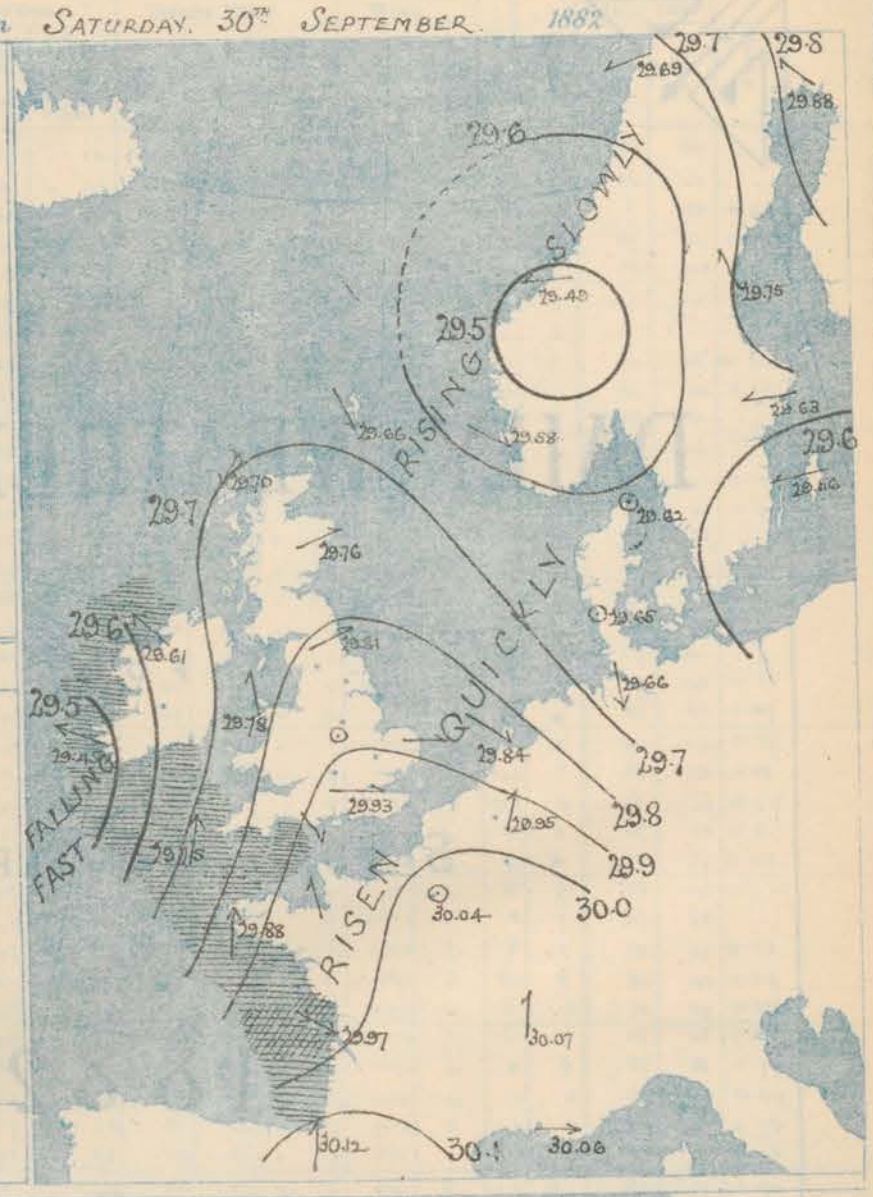
Barometer: *Isobars are drawn for each tenth of an inch.*
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
= forces above 10; = forces 8 to 10
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 775
Aberdeen	29 . 784
Leith	29 . 819
Scarborough	29 . 870
Ardrossan	29 . 828
Greencastle	29 . 818
Holyhead	29 . 857
Valentia	29 . 872
Roche's Pt.	29 . 875
Plymouth	29 . 835
LONDON	29 . 937
Yarmouth	29 . 918

** These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

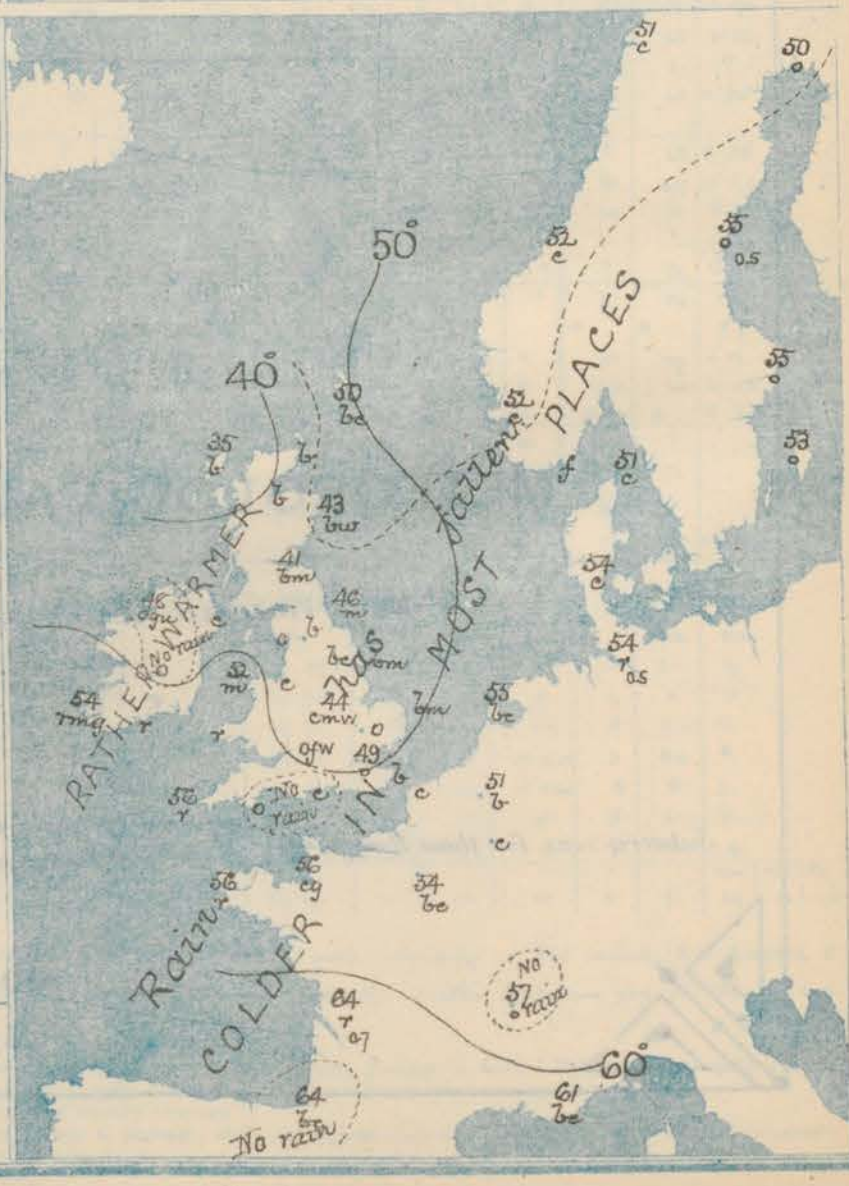
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of September

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	52·3	2.14
Stornoway	52·4	4.54
Aberdeen	54·5	3.58
Shields	55·8	2.81
York	56·6	3.12
Mullaghmore	55·2	?
Holyhead	57·0	3.54
Parsonstown	55·8	3.68
Valencia	56·4	6.19
Scilly (St Mary's)	59·2	4.61
Hurst Castle	59·3	?
Dover	59·5	3.00
LONDON	59·2	2.71
Yarmouth	58·7	3.07

** The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*



REMARKS

for Saturday 30th Sep. 1882 at 8 a.m.

The small depression which lay near London yesterday morning travelled away in an ENE.ly direction in the course of the day. In its rear the barometer rose briskly, the wind veered to NW, and the weather improved, but this mornings reports show that a new depression is advancing towards the S. of Ireland, and the barometer is consequently falling quickly on our SW coasts, while the winds are backing to S. or SE and increasing, with rain. At our N.r & E.r stations the barometer still rises, with light NW.ly & W.ly breezes & fair weather. Temperature has fallen at all but our W.r stations. In the SW of England readings are as high as 56°, but at Stornoway where there is a light NE.ly air & fine clear weather the thermometer has fallen to 35°. The maxima yesterday were low generally; in London the highest point reached was only 54° and on our E coast the thermometer did not exceed 55°. The sea is rough in the Bay of Biscay and off our SW Coasts, slight or smooth elsewhere

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the 1st October

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Wind backing to S. or SE, moderate; fine to cloudy and unsettled.	6 SCOTLAND WEST	Variable or S.ly breezes, light; fine to cloudy and unsettled.
1 SCOTLAND EAST	------- D° ------- D° ------- D° -------	7 ENGLAND N.W.	SE.ly winds falling light and shifting to NW; dull and rainy to fair
2 ENGLAND N.E.	SW.ly to S.ly winds, moderate or fresh; fair to dull and rainy	8 ENGLAND S.W.	S.ly to W.ly or NW.ly winds, strong to a gale; dull and rainy to fair
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	E.ly winds shifting to NW, fresh; dull and rainy to fair.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	SW.ly winds shifting to NW, strong to a gale; rainy, unsettled
5 ENGLAND SOUTH	Wind backing to S and increasing; fair to dull and rainy	WARNINGS	The S. Cone was lowered in districts 9 and 8 yesterday afternoon, but has been hoisted in districts 8 and 10 this morning.

Fred.k Dangerfield & Co.y Crown Terrace Lond.

METEOROLOGICAL OBSERVATIONS FOR 30th Sept 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	FAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.81	50	Z	0	o	29.88	.00	50	50	+ 5	SE	2	o	*	60	41	—
Hernösand	29.69	54	NE	2	r	29.75	.00	55	54	+ 5	SSE	2	o	*	55	50	0.51
Stockholm ...	29.66	53	SSE	2	o	29.63	+ .07	55	54	0	E	2	o	*	59	52	0.24
Wisby	29.63	53	SE	4	r	29.56	.00	53	52	— 2	E	2	o	*	59	52	0.20
Bodö	29.71	48	ENE	4	b	29.69	— .07	51	47	+ 4	ENE	4	c	2	55	46	—
Christiansund...	29.47	53	E	1	c	29.49	— .07	52	49	+ 1	E	2	c	1	59	45	—
‡Skudesnaes ...	29.48	51	Z	0	r	29.55	+ .04	52	51	— 1	NNW	2	o	2	55	51	—
Oxö (Kristiansund) ...	29.43	53	SW	1	o	29.56	+ .05	49	49	— 1	W	1	f	1	2	48	0.04
Skagen (The Skaw)	29.49	55	SW	4	b	29.62	+ .13	51	49	— 2	Z	0	c	0	59	48	0.32
Fanö	29.43	51	NNE	2	c	29.65	+ .09	54	53	0	Z	0	c	*	61	46	—
Cuxhaven ..	29.47	?	SE	6	o	29.66	— .02	54	54	+ 4	NNW	5	r	*	55	45	0.50
‡Sumburgh Head	29.53	50	NW	2	c	29.66	+ .16	50	46	0	NW	2	bc	2	58	47	—
‡Stornoway	29.61	47	NW	2	b	29.70	+ .25	35	35	— 5	NE	1	b	2	51	33	0.02
Wick	29.59	47	NW	2	bc	29.62	+ .12	42	40	— 2	NW	1	b	1	59	34	—
Nairn ...	29.59	49	NE	1	o	29.74	+ .25	40	39	— 3	Z	0	b	?	55	42	0.11
‡Aberdeen ...	29.59	51	NW	1	b	29.76	+ .26	43	42	+ 5	WSW	1	bm	1	59	35	—
Leith	29.69	50	NW	2	o	29.77	+ .30	41	40	— 4	WSW	1	bm	*	56	39	0.02
‡Shields	29.61	49	Z	0	o	29.89	+ .31	46	45	+ 1	WSW	2	m	2	54	42	0.09
Spurn Head	29.60	53	NW	4	b	29.82	+ .37	49	48	— 1	WSW	4	bm	2	52	47	0.04
York	29.62	51	SW	1	o	29.84	+ .35	41	41	— 4	SW	1	bc	*	55	39	0.02
Loughborough	29.65	47	Z	0	b	29.88	+ .28	44	43	— 4	Z	0	mw	*	55	40	—
‡Ardrossan																	
‡Mullaghmore ...	29.68	50	WNW	4	br	29.61	+ .12	48	44	— 1	ESE	6	dug	5	54	47	—
Donaghadee ...	29.66	49	NW	3	c	29.76	+ .25	46	44	+ 1	SSW	2	c	0	55	39	0.01
Parsonstown ...	29.74	48	W	1	b	29.64	+ .09	49	46	+ 5	ESE	3	o	*	56	37	—
Barrow-in-Furness	29.61	54	WSW	3	c	29.80	+ .30	46	45	— 1	ENE	3	o	2	61	45	0.12
‡Holyhead ...	29.66	51	W	2	cp	29.78	+ .29	52	50	0	SSE	3	m	2	59	45	0.07
Liverpool (Bidston)	29.65	52	W	1	bc	29.82	+ .35	48	46	— 1	S	1	c	2	56	46	0.12
‡Valencia	29.75	50	Z	0	cr	29.45	— .16	54	53	+ 1	ESE	7	rmg	6	58	44	0.12
Roche's Point...	29.71	51	NW	3	c	29.60	+ .05	55	55	+ 4	SSE	6	r	5	58	45	0.20
Pembroke ...	29.72	55	WNW	3	bc	29.78	+ .29	56	53	+ 4	S	4	r	4	56	50	0.03
‡Scilly	29.78	55	WNW	4	c	29.75	+ .22	56	56	0	S	6	r	6	58	53	0.02
Prawle Point ...	29.78	55	WSW	3	c	29.88	+ .41	56	54	+ 1	SSE	5	o	5	64	49	—
Hurst Castle ..	29.72	55	WNW	3	bc	29.92	+ .55	54	52	— 3	NW	2	c	3	60	48	—
‡Dover	29.68	53	W	3	b	29.92	+ .64	53	51	— 6	W	3	b	1	62	50	0.03
‡London	29.69	53	NW	3	o	29.93	+ .65	49	48	— 6	W	2	o	*	59	44	—
Oxford	29.74	52	WNW	1	o	29.91	+ .61	48	47	— 2	S	1	ogW	*	56	45	—
Cambridge ..	29.69	49	NW	1	c	29.92	+ .66	49	49	— 4	SW	1	o	*	55	41	0.07
‡Yarmouth ..	29.59	51	NW	4	c	29.87	+ .54	48	47	— 5	W	3	bm	3	55	42	0.10
The Helder ...	29.80	54	NNW	5	o	29.84	+ .00	55	51	+ 7	WNW	2	bc	3	59	48	0.67
Cape Gris Nez	29.69	55	NW	8	o	29.94	+ .58	55	54	— 5	WNW	5	c	4	63	52	—
‡Jersey	29.51	59	WNW	3	bc	29.95	+ .44	56	55	— 3	SSE	3	og	3	61	54	0.01
Brest	29.86	59	NNW	1	o	29.88	+ .36	56	55	— 3	S	5	r	5	59	54	0.04
Lorient																	
‡Rochefort ...	29.82	64	W	9	r	29.97	+ .14	64	64	— 1	WNW	8	r	7	70	61	0.67
Biarritz	30.02	73	SSW	3	o	30.12	+ .08	64	60	0	S	1	c	5	79	59	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.95	+ .42	51	49	— 4	SSW	3	b	*	65	49	0.95
Charleville ...	29.85	58	N	1	c	? 30.01	+ .36	51	48	— 6	WSW	1	c	*	67	42	0.35
Paris	29.85	59	WSW	5	o	30.04	?	54	52	— 6	Z	0	bc	*	*	*	0.12
Lyons	29.98	59	SSW	3	o	30.07	+ .08	59	56	+ 2	SSE	1	o	*	60	55	—
Toulon	30.02	61	SW	5	bc	30.06	— .04	61	58	+ 7	W	5	bc	?	?	?	0.08

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.40	46	W	2	bc	28.58	+ .30	43	43	— 1	NE	2	b	*	34	39	0.01

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.49	55	51	ESE	2	r	2
Sumburgh Head	29.51	53	50	NW	3	c	3
Stornoway .	29.55	51	48	NNW	3	o	3
Aberdeen ...	29.51	53	49	Z	0	bc	1
Shields	29.53	54	51	ENE	2	cm	2
Ardrossan ...	29.52	?	?	NE	1	bc	1
Mullaghmore ..	29.61	54	49	NW	5	c	4
Holyhead	29.59	55	51	WSW	2	c	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.72	54	48	WNW	2	o	3
Scilly	29.71	59	53	WNW	4	c	6
Dover	29.45	59	53	W	5	bc	5
London ...	29.56	55	51	NW	5	o	*
Yarmouth ...	29.58	62	60	N	6	cq	6
Jersey	29.71	60	59	WNW	4	c	4
Rochefort ...	29.82	63	61	W	9	r	7
Ben Nevis 4406 ft. 9 am on 29th	25.02	32	32	S	2	b	Max 34, Min 30, Rain 0.21

The depression which lay near London this morning, has now travelled away to the North Sea, and the rise of the barometer in the S.W. has extended to all our stations. The wind has veered to N.W. in the S.E. but at Scilly and Rochefort it has backed somewhat. The rain has ceased on our E. coast, but the sky continues cloudy in most places.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast. p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* **IN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR SEPT^R 1888

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
2nd	Oxö	29.78	59	SSW	4	0	29.38	-.43	60	60	+ 1	SSW	8	r	5	?	?	0.87
"	Jersey	29.72	66	SSW	4	0	29.68	-.14	63	61	+ 2	SSW	4	0m	4	68	60	0.09
4th	Corunna	*	*	*	*	*	30.12	+.16	61	59	- 6	NE	5	bc	7	72	57	0.04
6th	Corunna	*	*	*	*	*	30.15	-.02	62	59	- 1	NE	5	bc	7	68	57	-
7th	The Helder	30.25	58	NNE	3	0	30.36	+.26	57	53	- 2	NNE	1	bc	1	62	55	-
"	Corunna	*	*	*	*	*	30.06	-.09	62	60	0	NE	5	b	5	66	55	-
"	Toulon	29.96	68	WNW	4	bc	29.97	-.05	64	62	- 3	E	4	bc	?	79	63	-
8th	The Helder	30.37	56	NE	1	b	30.36	0.0	57	52	0	NE	1	c	0	61	54	-
"	Corunna	*	*	*	*	*	29.99	-.07	65	63	+ 3	NNE	7	0	4	68	59	-
"	Brussels	*	*	*	*	*	30.33	+.02	53	51	- 3	ENE	3	b	*	63	46	-
"	Lyons	30.04	67	NNW	3	c	30.14	+.05	54	52	- 4	NNW	1	b	*	72	51	-
"	Toulon	30.01	68	SE	3	b	30.04	+.07	64	62	0	E	5	bc	2	75	61	-
9th	Biarritz	30.03	67	N	1	0	30.04	+.01	63	62	0	E	1	0	2	68	57	0.08
"	Corunna	*	*	*	*	*	29.98	-.01	?66	?63	+ 1	NNE	5	c	4	84	61	?
11th	Corunna	*	*	*	*	*	29.93	-	60	57	-	ESE	4	r	2	72	55	-
12th	Corunna	*	*	*	*	*	29.88	-.05	56	53	- 4	WNW	4	0	5	64	50	0.59
"	Lyons	29.74	64	SSW	1	0	29.73	-.07	58	57	- 5	S	1	0	*	72	55	0.39
14th	Corunna	*	*	*	*	*	29.57	-.37	62	62	+ 4	SW	7	r	5	66	52	0.32
15th	Biarritz	29.65	58	N	5	r	29.79	+.19	52	49	- 1	SW	4	r	3	61	46	0.83
19th	Corunna	*	*	*	*	*	29.94	?	57	54	?	N	7	bc	7	64	54	0.08
20th	Haparanda	29.93	55	S	0	b	30.04	+.13	52	49	- 5	NNE	4	0	*	68	?	-
"	Corunna	*	*	*	*	*	29.91	-.03	52	51	- 5	ESE	3	r	0	?	48	0.12
27th	The Helder	29.25	58	ESE	2	bc	29.39	-.26	54	53	- 1	SSE	1	c	2	61	52	-
"	Corunna	*	*	*	*	*	29.77	-	60	56	-	WSW	5	c	3	63	52	0.39
29th	The Helder	29.67	55	WSW	4	c	29.54	+.01	48	48	- 6	SSE	1	0	1	55	46	0.12
"	Corunna	*	*	*	*	*	29.93	-	67	64	-	S	8	0	4	70	55	-
30th	Ardrossan	29.61	51	W	1	r	29.76	+.25	43	41	- 2	ENE	1	cw	1	?	39	0.09
"	Corunna	*	*	*	*	*	30.00	+.07	67	65	0	ENE	7	0	2	73	64	-

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature: At 8 am.	Means of: Minima	Means of: Maxima	Means of: Min. and Max. combined	Absolute Extremes: Minimum	Absolute Extremes: Date	Absolute Extremes: Maximum	Absolute Extremes: Date	Tension of Vapour
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	Sumburgh Head ...	29·762	52·1	47·7	55·6	51·7	42	18th	59	2nd	0·342
	Wick	29·778	52·1	45·5	57·7	51·6	33	29th	65	2nd + 9th	·332
	Stornoway	29·774	50·5	45·4	54·8	50·1	33	30th	58	2d, 6th + 15th	·328
1. SCOTLAND, E.	Nairn	29·787	50·1	46·3	57·7	52·0	37	29th	65	9th	·321
	Aberdeen	29·802	52·2	45·8	59·6	52·7	34	12th + 29th	65	2nd + 7th	·327
	Leith	29·807	51·3	45·6	62·0	53·8	36	29th	71	8th	·317
2. ENGLAND, N.E.	Shields	29·834	51·4	46·9	58·8	52·9	40	12th	66	5th	·331
	York	29·861	50·4	45·1	62·9	54·0	37	12th	70	3rd	·328
	Spurn Head ...	29·836	54·2	51·5	59·6	55·6	47	17th + 30th	67	2nd	·380
3. ENGLAND, E.	Yarmouth	29·841	55·9	51·2	61·2	56·2	42	14th + 30th	70	2nd	·391
	Cambridge... ...	29·858	52·1	44·5	63·6	54·1	37	15th	69	2nd + 3rd	·357
4. MIDLAND COUNTIES.	Loughborough ...	29·869	50·1	45·0	63·3	54·2	33	15th	70	7th + 8th	·326
	Oxford	29·868	51·4	46·6	63·0	54·8	35	16th	67	2nd, 3rd, 7th + 16th	·346
5. ENGLAND S.	London	29·867	53·1	47·5	63·8	55·7	37	15th	71	3rd	·339
	Dover	29·844	56·4	53·0	61·5	57·3	45	15th	66	27th	·385
	Hurst Castle ...	29·867	53·8	46·9	62·7	54·4	40	13th + 14th	68	4th	·371
6. SCOTLAND, W.	Ardrossan	29·808	52·8	48·5	58·8	53·7	39	30th	67	3rd	·377
7. ENGLAND, N.W.	*Hawes Junction ...	28·624	49·1	43·2	56·0	49·6	34	12th	61	1st, 7th + 9th	·311
	Barrow-in-Furness...	29·831	52·7	49·9	60·7	55·3	44	19th	69	21st	·347
	Liverpool Obs[y] (Bidston)	29·853	52·4	48·7	59·3	54·0	42	15th	66	1st	·338
	Holyhead	29·833	55·5	51·3	59·2	55·3	45	14th + 30th	64	9th	·373
8. ENGLAND, S.W.	Pembroke	29·859	54·5	51·2	58·3	54·8	46	19th	63	8th	·365
	Prawle Point ...	29·877	54·8	48·7	61·6	55·2	43	13th + 14th	68	4th	·375
9. IRELAND, N.	Donaghadee ...	29·836	52·2	46·9	59·3	53·1	36	12th	64	1st, 2nd + 9th	·366
	Mullaghmore ...	29·834	51·9	49·0	58·7	53·9	42	26th	68	1st	·334
10 IRELAND, S.	Parsonstown ...	29·882	49·1	43·8	59·1	51·5	34	13th	67	1st	·319
	Valencia	29·897	54·9	48·2	60·1	54·2	40	25th	64	20th	·363
	Roche's Point	29·875	53·0	48·0	60·5	54·3	40	28th	64	1st, 20th + 21st	·350
CHANNEL ISLANDS.	Scilly (St. Mary's)...	29·867	56·8	53·5	59·8	56·7	48	14th + 19th	64	30th	·402
	Jersey (Noirmont)...	29·893	56·6	52·8	61·5	57·2	46	14th + 16th	68	1st	·403

*Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of SEPTEMBER, 1882.
at 8 a.m. daily.

Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall: Total Fall in the month	Rainfall: Maximum Fall in one day	Rainfall: Date	Weather — No. of Days of: Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	Wind — No. of observations of: North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
87	7·6	3·50	0·76	10th	21	0	0	0	4	18	1	2	10	1	2	6	3	4	1	1
84	7·2	2·55	0·40	23rd	21	0	0	0	6	19	3	6	1	0	2	5	7	2	5	2
90	7·7	2·60	0·41	9th	22	0	0	0	3	17	6	6	6	3	1	6	5	2	1	0
89	7·2	4·66	0·46	27th	20	0	0	0	8	21	0	1	4	0	2	1	3	2	2	15
84	6·7	3·04	0·86	1st	17	0	0	0	6	14	1	5	0	0	1	12	5	3	4	0
83	5·3	1·87	0·60	14th	15	0	0	0	10	10	0	1	2	1	1	7	6	10	1	1
88	8·3	1·63	0·29	26th	14	0	0	0	1	17	1	4	2	0	0	3	8	9	3	1
89	7·2	1·18	0·20	1st + 12th	17	0	0	0	3	15	0	6	1	1	1	8	3	5	5	0
90	5·7	1·88	0·54	12th	13	0	0	0	8	7	1	3	5	3	2	4	3	5	5	0
87	5·0	2·31	0·55	12th	14	0	0	0	7	6	1	13	3	5	2	2	3	5	6	1
91	5·4	2·20	0·70	28th	13	0	0	0	12	12	0	10	3	2	1	4	6	2	2	0
90	7·2	1·98	0·57	28th	13	0	0	0	3	15	2	2	3	1	1	1	2	7	4	9
91	5·5	2·13	0·52	28th	15	0	0	0	14	13	0	6	3	3	0	5	3	1	3	6
83	6·3	2·36	0·90	28th	12	0	0	0	7	12	2	4	5	4	1	2	6	5	2	1
85	3·7	2·62	0·58	19th	20	0	0	0	15	3	2	10	3	5	1	1	6	4	0	0
89	5·3	2·54	0·76	28th	15	0	0	0	7	4	2	4	11	3	1	0	2	3	4	2
94	6·1	3·87	1·34	1st	19	0	0	0	8	10	0	0	5	5	2	1	6	4	5	2
89	6·0	2·92	0·66	30th	21	0	0	0	8	14	0	2	7	1	1	6	7	4	0	2
87	6·2	2·24	0·52	14th	13	0	0	0	6	12	2	3	9	3	6	1	3	1	4	0
86	6·5	2·56	0·58	27th	16	0	0	0	6	11	0	2	4	1	9	2	6	5	1	0
85	6·4	3·57	1·62	14th	18	0	0	0	5	10	0	2	4	2	2	4	6	4	6	0
86	6·7	3·98	0·95	26th	17	0	0	0	5	10	1	4	4	4	0	4	3	4	6	1
87	6·1	3·89	1·35	24th	13	0	0	0	9	12	1	7	5	2	2	2	4	2	6	0
94	5·8	4·02	1·39	24th	14	0	0	0	9	11	4	2	2	1	1	4	6	10	4	0
86	7·9	4·38	0·57	12th	23	0	0	0	3	15	5	6	1	2	2	3	6	4	5	4
91	6·8	1·64	0·45	13th	15	0	0	0	7	17	0	3	0	1	1	6	2	5	3	9
85	6·4	3·66	0·64	1st	19	0	0	0	5	11	2	7	2	2	1	2	1	3	7	5
87	5·5	2·20	0·42	30th	14	0	0	0	10	10	1	8	4	0	1	2	3	3	9	0
87	8·3	2·19	0·77	28th	23	0	0	0	0	17	6	6	6	2	0	3	3	4	6	0
88	6·2	3·33	0·89	28th	17	0	0	0	7	13	5	4	7	1	1	4	3	6	4	0

Barometric Observations at this station are not corrected for altitude

2. CORRECTIONS

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
1st	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	OMA	4	-	-	0·90
2nd	Bodö	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-
"	Sumburgh Hd.	29·48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd	Nairn	29·13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th	Barrow-in-Furness	-	-	-	-	-	30·08	+ ·53	-	-	-	-	-	-	-	-	-	-
5th	Ardrossan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-
6th	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·27
7th	Ardrossan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-
"	Yarmouth	30·27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8th	Mullaghmore	-	-	-	-	-	-	-	-	-	-	?NNE	-	-	-	-	-	-
10th	Valencia	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
"	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-
11th	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·01
"	Scilly	-	-	-	-	-	-	-	55	-	- 3	-	-	cp	-	-	-	-
12th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-
"	Spurn Head	-	-	ENE	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
"	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-
13th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-
"	Mullaghmore	-	-	-	-	-	29·62	- ·02	-	-	-	E	5	-	-	-	-	-
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·28
15th	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
16th	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-
18th	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	2	59	44	-
"	London	-	-	-	-	-	-	-	52	-	+ 4	-	-	-	-	-	-	-
19th	Leith	-	-	-	-	-	-	-	49	-	-	-	-	-	-	-	-	-
20th	Yarmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·29
22nd	Rochefort	29·71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23rd	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·15
25th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·25
"	Leith	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	0·08
26th	Scilly	-	-	-	-	-	29·40	- ·29	-	-	-	-	-	-	-	-	-	-
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·11
27th	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·12
28th	Dover	29·43	-	-	-	-	29·66	-	-	-	-	-	-	-	2	59	-	0·18
29th	Sumburgh Hd.	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	No rain
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·70
30th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-
"	Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-